PROCEEDINGS

OF THE

MADRAS GOVERNMENT

IN THE

PUBLIC WORKS DEPARTMENT,

BUILDINGS AND ROADS BRANCH,

FOR THE

MONTH OF JANUARY 1900.

Printed by Authority.

MADRAS:
PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS.

1900.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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1 Subjects.	2 Numbers and Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
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1 Subjects.	2 Numbers and Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
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India Rubber. —Proceedings, Financial Department, approving the proposal of the Superintendent of Stationery that — should be issued once in two years, and stating that the certificate required by the stationery rules, as to fair wear and tear, is not necessary as regards this article, communicated to the officers of the department.	26th Jan., No. 188 W.	...	......
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Quarters for the officer in charge of the Veterinary Hospital at Saidapet, Chingleput district. — Letter from the Government of India, sanctioning an expenditure of Rs. 2,900 on the construction of —, communicated to the officers concerned.	29th Jan., No. 197 W.	...	15th Dec. 1899, Nos. 3273–74 W.
Officers on furlough visiting Engineering works at public expense.—Resolution of the Government of India laying down certain general rules regarding —, communicated to officers of the Public Works Department.	31st Jan., No. 211 W.	...	5th Oct. 1897, No. 2766 W. 23rd March 1891, No. 848 W. 21st Dec. 1875, No. 3595 W. 29th Sept. 1899, No. 2558 W. & file.

1 Subjects.	2 Numbers and Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1900.		
District Jail at Berhampur, Ganjám District.—The estimate, amounting to Rs. 4,110, for improvements to certain blocks in the —, sanctioned.	31st Jan., No. 212 W.	...	23rd Oct. 1899, No. 2814 W. 25th Nov. 1898, No. 3037 W.
Arcorthodu bridge, Malabar district. — The estimate, amounting to Rs. 7,450, for reconstructing the —, sanctioned.	31st Jan., No. 213 W.	...	......
Road from the salt factory at Kanuparti to the Ammanabrolu Railway station, Nellore district.—The estimate, amounting to Rs. 11,800, for constructing a —, sanctioned, with remarks.	31st Jan., No. 214 W.	...	20th Dec. 1897, No. 3570 W.
Inspection Report. — Orders on the — on the accounts of the Madura division, submitted by the Examiner, Public Works Accounts.	31st Jan., No 215 W.	...	7th March 1899, No. 683 W.
Bridle-path on the Anamalais.—The estimate, amounting to Rs. 17,000, for constructing a bridle-path from Villony to Valparai on the Anamalais, sanctioned.	31st Jan., No. 216 W.	...	15th Dec. 1898, No. 3209 W. & file.
Famine-relief works.—Authorizing Superintending Engineers to sanction, as a special case, estimates for certain —, under "Repairs," without reference to the funds available, but stating that all such estimates must be included in the programme of —, submitted by Executive Engineers to Collectors, and carried out only as such.	31st Jan., No. 217 W.	...	16th Aug. 1899, No. 700 I. 9th May 1898, No. 419 I. & file.
Sanitary works.—Proceedings, Local and Municipal Department, passing orders regarding the preparation of indents for — to be executed, either by the Public Works Department, or by the Sanitary Engineer, communicated to Superintending Engineers for information.	31st Jan., No. 226 W.	...	2nd July 1896, No. 1931 W.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	1900.	*Enclosures*
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G.O., No. 4 W., 4th January 1900.

JANUARY.

Deputy Tahsildar's office at Chitvel, Cuddapah District

The revised estimate, amounting to Rs. 31,905, for constructing a —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From Lieutenant-Colonel W. L. C. BADDELEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 18th November 1899, No. 4200 W.

In reference to G.O., No. 2986 W. of 21st October 1896, I have the honour to submit a revised estimate, amounting to Rs. 34,800, for constructing a Deputy Tahsildar's Court at Chitvel in the Cuddapah district.

2. In the Chief Engineer's note printed with the above Government Order, some of the rates were questioned, and also the depth of the foundations. Explanation was given by the Superintending Engineer in his No. 3635 W. of 1st February 1897, in which it was stated that the foundations would be 6 feet instead of 4 feet in depth. This was recorded in the Chief Engineer's No. 791 C. of 8th February 1897.

3. I may mention here that the sub soil at 6 feet below ground is not red hard loam, but a sort of clay known in the Kistna and elsewhere as "oil earth," which is a most treacherous foundation if water gets into it.

4. The work could not be commenced owing to the famine of 1896–97, and the collection of materials was only started in May 1898. Early in October 4 feet of the depth of concrete in the founds had been laid, and on the 23rd of that month the Executive Engineer reported "the concrete is not as good as it ought to be owing to the use of inferior stone and sand" After some further correspondence I inspected the foundations on the 26th November 1898 having thus given ample time for the concrete to set. The result of my inspection convinced me that the lime would not stand the estimated proportion of sand, and that the whole of the foundations would have to be relaid. I also found that the estimate was altogether incomplete and insufficient, and as the matter was of importance, I sent you a copy of my notes which you commented upon in your No. 5601 C. of 12th December 1898. These notes are now in your office, and they form the basis upon which the estimate has been revised.

5. I endeavoured to find a more suitable site for the building, but after considerable examination and enquiry, I decided that it was better to keep to the sanctioned site, and clear away the old ruined buildings which now encumber it.

6. It may be questioned why I allow a sum of Rs. 2,895 for unforeseen works in a revised estimate. My reply is that the estimate is practically a new one, the only work done before the revision having been some concrete, which had all to be taken out of the foundation trenches. Also, I am extremely doubtful about the economy of doing work departmentally. In the Gódávari and Kistna districts, where the charges are small, and where there are regular stock manufactures for lime and surki, and departmental quarries, departmental work is convenient, especially as the materials are usually conveyed to the work site by water upon Government punts. In the Deccan districts the areas of charges are very large, the works scattered and the amount of supervision altogether inadequate. There is also the difficulty about advancing money to workmen, for local labour cannot be used for any skilled work, and masons, carpenters, &c., will not go to a work at a distance from their houses

without advances. I am afraid in many cases these advances are given out of the pocket of the upper subordinate in charge of the work, which is most objectionable and unfair to the man who must often lose considerable sums.

7. The Department is not organized for departmental work, except in towns, and in the deltas of the Gódávari and Kistna, and along the Buckingham Canal. It also increases office work very much, both in the Sub-division and in the Executive Engineer's office.

At present in this circle there are three large works being done departmentally, and only one of them, which is in Kurnool town, is progressing satisfactorily, and that is partly owing to some of the work being done by contract and piece-work. One certain result of the attempt to adopt departmental work in these districts will be that the class of reliable contractors will disappear, which is a serious matter when it is considered that irrigation works in very out-of-the-way places often require repairs which are important, but on which a contractor can make little or no profit.

I strongly recommend that the question of departmental work be again considered, not on the experience of officers working in large towns or in places where there are Government manufactures and where materials can be obtained by merely writing an indent; but according to the conditions prevailing in districts where the materials for each work have to be found, manufactured, and carted by departmental labour, or petty piece-workers. Practically the whole question resolves itself into allowing executive officers a free hand, and it will usually be found that they will adopt the measures best suited to the conditions of the district.

8. Lastly, the question arises whether any one is to blame for the inadequacy of the original estimate and for the failure of the concrete.

As regards the first, there is a good deal of correspondence on record in my office, which shows that the rates for the work were carefully gone into by the Superintending Engineer, but it was not foreseen that the lime available would not stand the amount of sand allowed.

Also the fact that the remains of the old palace and the old wall would have to be pulled down and a new enclosure wall built was overlooked.

Lightning conductors at that time were not usually provided. The increased depth ordered for the foundations was very necessary, but it caused an increase of Rs. 1,400.

For the failure of the concrete, I do not think any one is to blame; it was clearly due to the absence of surki and to the lime not being sufficiently pure to take two parts of sand. There was no culpable carelessness in the matter.

I believe the estimate now sent in to be sufficient and complete, and as I stated before it is practically a new one.

Note by the Chief Engineer, Public Works Department.

The revised estimate for constructing a Deputy Tahsildar's office at Chitvel, Cuddapah district, is recommended for sanction with the following remarks :—

(*a*) The roof of the record-room should be made fire-proof. If the roof has already been built, a ceiling of corrugated iron sheets should be fitted; if the roof is not completed, jack-arch terracing over rolled steel girders 5′ apart and of section 10″ × 5″ weighing 29 lb. per foot should be adopted.

(*b*) *Roofing of main building.*—Flat and pantiles should be used if procurable of good quality—otherwise Mangalore tiles bedded in $\frac{3}{4}$″ mortar over flat tiles. In either case the rafters should be spaced 1′ 9″ apart and ordinary reepers 2″ × $\frac{1}{2}$″ six inches apart.

(*c*) Instead of Cuddapah slab terracing, the ordinary brick on edge Madras terrace should be adopted.

(*d*) If the wooden racks are not already made, the revised type design for iron racks now under consideration should be awaited.

(*e*) The item Rs. 2,895 for unforeseen works is omitted, and the estimate reduced in this office from Rs. 34,800 to Rs. 31,905.

2. As will be seen from the Superintending Engineer's letter, the principal cause of excess is the fact that special proportions of lime, sand and surki had to be used on the work, which fact was not discovered till some of the foundations had been actually laid. To avoid similar mistakes in future care should be taken that, when an estimate of any importance has to be prepared for work in a locality where the nature of the lime available is not thoroughly known, the lime, should be carefully tested and the proper proportions of sand and surki determined, while the estimate is under preparation.

(Signed) W. B. deWINTON,
Chief Engineer.

9th December 1899.

Order—No. 4 W., dated 4th January 1900.

The revised estimate, amounting to Rs. 31,905, as altered by the Chief Engineer, for constructing a Deputy Tahsildar's office at Chitvel in the Cuddapah district is sanctioned in supersession of the original estimate of Rs. 20,300 sanctioned in G.O., No. 2986 W., dated 21st October 1896.

2. The expenditure on the work to end of 1898–99 was Rs. 8,382, and the current year's allotment is Rs. 10,000.

3. The attention of the Superintending Engineer is drawn to the Chief Engineer's remarks in his note read above.

4. The sanction accorded in paragraph 1 of these Proceedings has been registered as Provincial No. 112 W. of 1899–1900, and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) W. B. deWINTON,
Secretary to Government.

To the Superintending Engineer, III Circle,
with fifteen enclosures.
" other Superintending Engineers.
" the Examiner, Public Works Accounts.
" the Revenue Department.
" the Consulting Architect to Government.
" the Superintendent of Works, Lighthouse Division.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

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G.O., No. 5 W., 4th January 1900.

JANUARY.

Civil Buildings

Defining the scope of G.O., No. 2173 W., dated 15th August 1899, relating to the execution of repairs to — up to a limit of Rs. 1,000 by the departments concerned, and stating that the order will have effect from the commencement of the next official year.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From the Postmaster-General, dated 15th September 1899, No. B.G. 12-78/23574.
Endorsement of the Judicial Department, No. 2368, dated 21st September 1899, transferring letter from the Commissioner of Police, dated 14th September 1899, No. 92.
Endorsement of the Financial Department, No. 2505, dated 5th October 1899, transferring letter from the Accountant-General, dated 21st September 1899, No. 629 A./6840.
G.O., No. 3600, Revenue, dated 10th October 1899.
Endorsement of the Judicial Department, No. 2609, dated 16th October 1899.

,,	Public	,,	,,	2620,	,,	18th ,, ,,
,,	Judicial	,,	,,	2646,	,,	23rd ,, ,,
,,	Public	,,	,,	2804,	,,	1st November ,,

ORDER—No. 5 W., dated 4th January 1900.

The Government observes that considerable misconception exists as to the scope of G.O., No. 2172 W., dated 15th August 1899.

2. On the reduction of Public Works establishments and divisions in 1879, it was decided in G.O., No. 2522 W., dated 7th October 1879, that the execution of ordinary repairs to civil buildings and the construction of petty and temporary buildings of all classes limited to Rs 1,000 in all districts should be entrusted to the departments concerned, and that in future years these petty construction and repair works should be provided for in the civil budgets, and not in those of the Public Works Department. In G.O., No. 2831 W., dated 27th October 1882, the retransfer to the Public Works Department of petty construction and repair work in Madras and on the Nilgiris was ordered as it was found that petty works in these localities could advantageously be carried out by the agency of the Public Works Department. Post offices also were subsequently excluded from the operation of the orders of 1879, the Government of India having pointed out that the constitution of the Postal Department is specially ill-adapted to the construction and repair of buildings. Under these orders the Public Works Department carried out petty repairs only to buildings specially placed in its charge such as Public Works buildings, post offices, and public buildings at the Presidency town and on the Nilgiris. But, under the orders issued in the Government Orders marginally noted, it was left open to all departments to call on the Public Works Department to estimate for and carry out repairs to all buildings constructed on type designs irrespective of the amount of such estimate. Under these orders a great deal of petty work was thrown unnecessarily on officers of the Public Works Department, and this petty work will increase still more as new buildings are being erected. It was therefore decided to include buildings constructed on type designs under the orders issued in 1879, and G.O., No. 2172 W., dated 15th August 1899, was issued to give effect to this decision. It merely extends to such buildings a system which has already been in existence during the past twenty years.

G.O., No. 1228 W., dated 18th May 1894.
G.O., No. 1994 W., „ 13th Aug. ,,

3. The orders placing certain buildings under the Public Works Department for maintenance and repair have not been cancelled, and G.O., No. 2172 W., dated 15th August 1899, consequently does not apply to—

(1) buildings at the Presidency town,
(2) buildings on the Nilgiris,
(3) post and telegraph offices,
(4) official residences, and
(5) any buildings which have been specially placed in charge of the Public Works Department for maintenance and repair.

4. G.O., No. 2172 W., dated 15th August 1899, will have effect from the commencement of the next official year.

5. It is unnecessary to discuss the questions raised in the Accountant-General's letter read above as there is no departure from the system in force for the past twenty years but merely its extension to buildings constructed on type designs.

(True Extract.)

(Signed) W. B. DE WINTON,
Secretary to Government.

To Superintending Engineers.
„ the Consulting Architect to Government.
„ the Examiner, Public Works Accounts.
„ Departments of the Secretariat.
„ the Postmaster-General.

GENERAL.
ACCOUNT.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., Nos. 10, 11 W., 10th January 1900.

JANUARY.

Objectionable Items

Forwarding copy of Proceedings passing orders on the statement, forwarded by the Government of India, showing the — in the accounts of Provincial Civil Works in Madras to the end of June 1899.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From O. C. LEES, Esq., Under Secretary to the Government of India, Public Works Department (Civil Works—Miscellaneous), to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 7th November 1899, No. 1114 C.W.M.

With reference to correspondence ending with your memo. No. 1092 W., dated the 19th April 1899, I am directed to forward copy of a statement received from the Accountant-General, Public Works Department, showing the objectionable items in the accounts of Provincial Civil Works in Madras to the end of June 1899 and to request that steps may be taken to regularize the outlay in question at an early date.

ENCLOSURE.

STATEMENT showing the more serious irregularities brought to notice in the accounts of Executive Engineers, under 45 Provincial Civil Works remaining unremedied to end of June 1899.

Division.	Name of work.	Month in the accounts of which objectionable expenditure first appeared.	Excess expenditure. During month.	Excess expenditure. To end of month.	Remarks.
	45. *Civil Works—No estimate.*		RS.	RS.	
Coimbatore ..	1. Compensation for land for Government Training School for Mistresses.	March 1896 (supplemental).	..	(a) 15,600	Sanction to estimates is awaited.
	2. Constructing Villany bridle-path ..	Oct. 1898.	2,856	14,133	
	3. Construction of Aliar road works or forming road in first 3½ miles of Poonachy Ghât road.	Nov. 1898 ..	163	22,471	
	Excess over Estimate.				
Bellary ..	4. Taluk cutcherry at Dharmavaram: Constructing—.	Feb. 1898 ..	..	(a) 6,431	Sanction to pass the excess outlay is awaited.
	5. Constructing a school-house at Anantapur.	Do. ..	..	(a) 1,143	
Kurnool ..	6. Constructing a store-shed for the famine tools at Cumbum.	March 1897 ..	..	(a) 1,379	
Gódávari Western.	7. Constructing a first-class Taluk cutcherry at Kovur (completed).	Do. ..	..	(a) 2,374	

NOTE—The items marked (a) were reported in the last statement.

Office-note from the Examiner, P.W. Accounts, dated 21st Nov. 1899, No. 3838 B./A.

ORDER—No. 10 W., dated 10th January 1900.

Communicated to the officers concerned.

2. The objection to item 7 has since been removed.

3. As regards item 1, the Consulting Architect will report when the plans and estimates called for in G.O., No. 1514 W., dated 10th June 1899, may be expected.

4. The Superintending Engineer, IV Circle, should take very early steps to regularize the expenditure incurred on items 2 and 3.

5. The completion report for the Taluk office at Dharmavaram (item 4) should be submitted without further delay and full explanation furnished for the excess over the sanctioned estimate.

6. The completion report for item 5 was returned to the Superintending Engineer for explanation on certain points. It should be resubmitted at once and the causes of delay explained.

7. The reasons furnished for certain items of excess in the completion report for store-sheds for famine tools at Cumbum (item 6) having been found inadequate, further information is being called for.

8. Ordered that a copy of these Proceedings be forwarded to the Government of India, Public Works Department, for information.

[Here enter No. 11 W., dated 10th January 1900.]

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, III Circle.
,, Superintending Engineer, IV Circle.
,, Consulting Architect to Government.
,, Examiner, Public Works Accounts.

ENDORSEMENT—No. 11 W., dated 10th January 1900.

Forwarded.

(By order.)

(Signed) W. B. DEWINTON,
Secretary to Government.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.

PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 13 W., 11th January 1900.

JANUARY.

Cells in the District Jail, Bellary

The estimate, amounting to Rs. 31,800, for constructing —, sanctioned for execution when funds are available.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

G.O., No. 1881, Judicial, dated 22nd November 1899.

Read—the following paper :—

From the Inspector-General of Prisons, dated 6th November 1899, No. C. 1263.

With reference to G.O., No. 1450, Judicial, dated 17th September 1898, and in continuation of this office letter No. 5560, dated 3rd November 1899, I have the honour to submit, for the approval and sanction of Government, plans and estimate amounting to Rs. 33,600 for constructing 100 cells in two blocks of fifty each in the District Jail, Bellary.

2. In paragraph 4 of this office No. 2991, dated 14th June 1898 ,Mr. Cardew roughly computed the cost of a cell at Rs. 300. The present estimate is not wide of the mark and gives an average cost of Rs. 336 per cell. As stated in the report accompanying the estimate, 75 cells were built in 1894–95 at the Bellary District Jail at a cost of Rs. 31,173, or Rs. 415–8–0 per cell. The design of the cells now to be constructed is the same as that of the block of 75 cells built in 1894–95, and the plan of the cell doors is also alike. The standard design approved in G.O., No. 2643 W., dated 12th October 1898, is somewhat different, but experience with the doors put up in 1894–95 proves that that design is quite satisfactory and it has in consequence been now adopted.

Order—No. 1881, Judicial, dated 22nd November 1899.

The plans and estimates are approved and will be transferred to the Public Works Department.

(True Extract.)

(Signed) A. R. KNAPP,
for Chief Secretary.

Note by the Chief Engineer, Public Works Department.

The estimate for constructing 100 cells in the District Jail at Bellary is recommended for sanction, with the following remarks :—

(*a*) As directed in G.O., No. 2643 W., dated 7th October 1899, the thickness of the end walls of the block of cells has been increased in this office to 3′ 6″ at plinth level battering to 2′ thick at skewback level, so as to withstand the thrust of the end segmental arches.

(*b*) The padlocks provided in the estimate at a cost of Rs. 200 have been omitted, as such articles should be supplied by the department concerned.

(*c*) The amount of Rs. 770 allowed in the estimate for "unforeseen works" has been struck out.

The above alterations have been made in the estimate and the amount reduced from Rs. 33,600 to Rs. 31,800.

(Signed) W. B. DEWINTON,
Chief Engineer.

19th December 1899.

Order—No. 13 W., dated 11th January 1900.

The estimate, amounting to Rs. 31,800, as altered by the Chief Engineer, for constructing 100 cells in the District Jail, Bellary, is sanctioned for execution when funds are available.

2. The attention of the Superintending Engineer is drawn to the Chief Engineer's remarks in his note read above.

3. This sanction has been registered as Provincial No. 115 W. of 1899-1900, and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) W. B. deWINTON,
Secretary to Government.

To the Superintending Engineer, III Circle, with plan and estimate.
" Examiner, Public Works Accounts.
" Judicial Department.

GENERAL.
ESTABLISHMENT.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 14 W., 11th January 1900.

JANUARY.

Local Allowances drawn by Subordinates employed on the Nilgiri Hills

Ordered that a statement showing the pay and local allowances drawn by subordinates of the various departments employed on the Nilgiri Hills, be forwarded to the Government of India with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper :—

From G. H. D. WALKER, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 15th September 1899, No. 1418 G.

With reference to your letter No. 1872 W., dated 20th July 1899, submitting a proposal for the grant of local allowances to upper subordinates of the Public Works Department below the rank of Sub-Engineer, employed in the Nilgiri Hills, I am directed to request that, with the permission of His Excellency the Governor, a statement may be furnished, showing the local allowances at present drawn by officers and subordinates of the various departments employed in the Nilgiri Hills, on account of cost of living and other special causes. The statement should also show the rate of pay drawn by each man and where his head-quarters are situated.

2. I am at the same time to ask whether, in the event of the present proposal being sanctioned, there is likelihood of similar application being made on behalf of employés of any other department.

Endorsement of the Financial Department, No. 3012, dated 21st November 1899.

ORDER—No. 14 W., dated 11th January 1900.

The Government of India will be addressed.

[Here enter No. 15 W., dated 11th January 1900.]

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

GENERAL.
ESTABLISHMENT.

Government {1900} of Madras.

PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

Letter, No. 15 W., 11th January 1900.

JANUARY.

Local Allowances drawn by Subordinates employed on the Nilgiri Hills

Forwarding, with remarks, a statement showing the pay and local allowances drawn by subordinates of the various departments employed on the Nilgiri Hills.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Letter—from

W. B. deWinton, Esq.,
Secretary to the Government of Madras,
Public Works Department,

To

The JOINT SECRETARY TO THE GOVERNMENT of INDIA,
Public Works Department.

Sir,

With reference to your letter No. 1418 G., dated 15th September 1899, I am directed to forward a statement showing the local allowances at present drawn by subordinates of the various departments employed on the Nilgiri Hills. The head-quarters and rate of pay drawn by each subordinate are also given in the statement.

2. With reference to the inquiry made in paragraph 2 of your letter under reply, I am to state that the principle adopted by this Government is to compensate officers appointed to exceptionally unhealthy or costly localities by the grant of local allowances and not by permanent increases to pay. It will be observed from the statement forwarded that these allowances are only granted to subordinate establishments stationed on the Nilgiris, and that nearly all the subordinates employed there already draw them. There is therefore no likelihood of similar applications for other departments being made on any large scale.

I have the honour to be,
Sir,
Your most obedient servant,
(Signed) W. B. deWinton,
Secretary to Government.

Fort St. George,
11th January 1900.

Annexure to Letter, No. 15 W., 11th January 1900.

Statement showing the establishments of several departments in the Nilgiri District with their pay and local allowances.

Head-quarters.	Designation.	Pay. RS.	A.	P.	Local allowance. RS.	A.	P.
	LAND REVENUE.						
Ootacamund.	*Collector's Establishment.*						
	Sheristadar	175	0	0	25	0	0
	Vernacular head clerk ..	40	0	0	10	0	0
	Do. 2nd do. ..	25	0	0	5	0	0
	English head clerk ..	80	0	0	20	0	0
	Do. 2nd do. ..	60	0	0	15	0	0
	Do. 3rd do. ..	50	0	0	15	0	0
	Do. 4th do. ..	35	0	0	10	0	0
	Do. 5th do. ..	35	0	0	10	0	0
	Do. 6th do. ..	25	0	0	5	0	0
	Do. 7th do. ..	20	0	0	5	0	0
	Do. head accountant.	80	0	0	20	0	0
	Do. 2nd do.	50	0	0	15	0	0
	Do. 3rd do.	40	0	0	10	0	0
	Do. 4th do.	30	0	0	10	0	0
	Do. 5th do.	25	0	0	5	0	0
	Do. 6th do.	20	0	0	5	0	0
	Treasurer	70	0	0	15	0	0
	Record-keeper	45	0	0	10	0	0
	Muchi	12	0	0	3	0	0
	Attender	10	0	0	3	0	0
	Do.	8	0	0	3	0	0
	Do.	7	0	0	3	0	0
	Duffadar	14	0	0	3	0	0
	Six peons on Rs. 8 each with local allowance at Rs. 3	48	0	0	18	0	0
	Six peons on Rs. 7 each with local allowance at Rs. 3	42	0	0	18	0	0
	Masalchi .. .	7	0	0	1	0	0
	Local audit clerk ..	70	0	0	15	0	0
	Head Assistant Collector's Establishment.						
	Head clerk	70	0	0	35	0	0
	Clerk	30	0	0	15	0	0
	Do.	20	0	0	10	0	0
	Two peons on Rs. 8 each with local allowance at Rs. 4	16	0	0	8	0	0
	Two peons on Rs. 7 each with local allowance at Rs. 3-8-0	14	0	0	7	0	0
	Masalchi	6	0	0	3	0	0
	Sweeper	5	0	0	2	8	0
Coonoor ..	*Coonoor Deputy Tahsildar's Office.*						
	Deputy Tahsildar ..	100	0	0	25	0	0
	Revenue inspector ..	50	0	0	5	0	0
	Do. ..	40	0	0	10	0	0
	Clerk	25	0	0	5	0	0
	Accountant	25	0	0	5	0	0
	Two clerks on Rs. 20 each with local allowance at Rs. 5 .. .	40	0	0	10	0	0
	Clerk	17	8	0	5	0	0
	Do.	15	0	0	5	0	0
	Shroff	12	0	0	5	0	0
	Peon	7	0	0	2	0	0
	Two peons at Rs. 6 each with local allowance at Rs. 2	12	0	0	4	0	0
	Masalchi	5	0	0	2	0	0
Ootacamund.	*Deputy Tahsildar's Office, Ootacamund.*						
	Deputy Tahsildar ..	100	0	0	25	0	0
	Revenue inspector ..	50	0	0	5	0	0
	Do. ..	30	0	0	10	0	0
	Clerk	30	0	0	10	0	0
	Do.	20	0	0	5	0	0
	Deputy Tahsildar's Office, Ootacamund—cont.						
	Clerk	17	8	0	5	0	0
	Do.	15	0	0	5	0	0
	Peon	7	0	0	2	0	0
	Two peons on Rs. 6 each with local allowance at Rs. 2	12	0	0	4	0	0
	Masalchi	5	0	0	2	0	0
Gúdalúr ..	*Deputy Tahsildar's Office, Gúdalúr.*						
	Deputy Tahsildar ..	100	0	0	50	0	0
	Sheristadar	50	0	0	25	0	0
	Revenue inspector ..	50	0	0	25	0	0
	Gumastah	30	0	0	15	0	0
	Do.	25	0	0	12	8	0
	Accountant	20	0	0	10	0	0
	Gumastah	15	0	0	7	8	0
	Head peon	7	0	0	3	8	0
	Three peons on Rs. 6 each with local allowance at Rs. 3	18	0	0	9	0	0
	Masalchi	5	0	0	2	8	0
	Revenue Survey.						
	District Surveyor of the Nilgiri district ..	60 0 0 or 80 0 0			20	0	0
	Subordinates, if employed in Wynaad.	At and under 10 0 0			25% of pay.		
		From 11 0 0 to 30 0 0			21% of pay.		
		From 31 0 0 to 60 0 0			14% of pay.		
		Above 60 0 0			10% of pay.		
	ASSESSED TAXES.						
Ootacamund.	*Collector's Office.*						
	Income-tax clerk ..	30	0	0	10	0	0
	Deputy Collector's Office.						
	Income-tax clerk ..	20	0	0	5	0	0
	REGISTRATION.						
Ootacamund.	*District Registrar's Office.*						
	7th-grade Registrar ..	100	0	0	25	0	0
Gúdalúr.	*Sub-Registrar's Office, Gúdalúr.*						
	Clerk	17	8	0	7	8	0
	LAW AND JUSTICE—COURTS OF LAW.						
Ootacamund.	*Sub-Court, the Nilgiris.*						
	Regular Establishment.						
	Sheristadar's pay and personal allowance ..	125	0	0	25	0	0
	Head clerk	50	0	0	10	0	0
	Record-keeper	40	0	0	10	0	0
	Clerk	30	0	0	10	0	0
	Do.	25	0	0	10	0	0
	Do.	15	0	0	10	0	0
	Process Establishment.						
	Deputy Nazir	25	0	0	10	0	0
	Four peons on Rs. 6-8-0 each with local allowance at Rs. 3-8-0 ..	26	0	0	14	0	0

Statement showing the establishments of several Departments in the Nilgiri district, &c.,—*cont.*

Head-quarters.	Designation.	Pay. RS.	A.	P.	Local allowance. RS.	A.	P.
	LAW AND JUSTICE—COURTS OF LAW—*cont.*						
Gúdalúr..	*District Munsif's Court, Gúdalúr.*						
	Regular Establishment.						
	Head clerk	30	0	0	15	0	0
	Clerk	20	0	0	10	0	0
	Do.	15	0	0	7	8	0
	Peon	8	0	0	4	0	0
	Masalchi	4	0	0	2	0	0
	Process Establishment.						
	Two amins on Rs. 12 each with local allowance at Rs. 6	24	0	0	12	0	0
	Two peons on Rs. 6-8-0 with local allowance at Rs. 3-4-0 each ..	13	0	0	6	8	0
	Copyist Establishment.						
	Copyist	10	0	0	5	0	0
Coonoor..	*Stationary Sub-Magistrate's Office; Coonoor.*						
	Stationary Sub-Magistrate	100	0	0	25	0	0
	Clerk	20	0	0	5	0	0
	Two peons on Rs. 6 each with local allowance at Rs. 2	12	0	0	4	0	0
	LAW AND JUSTICE—JAILS.						
Ootacamund.	*Office of the Inspector-General of Prisons.*						
	Indexer and despatcher.	55	0	0	10	0	0
	Record-keeper	50	0	0	10	0	0
	Assistant, Statistical branch	45	0	0	10	0	0
	Accountant	40	0	0	10	0	0
	Copyist	35	0	0	10	0	0
	Correspondence clerk ..	30	0	0	8	0	0
	Clerk	27	8	0	8	0	0
	Do.	25	0	0	8	0	0
	Do.	22	8	0	8	0	0
	Do.	20	0	0	8	0	0
	Duffadar	12	0	0	3	0	0
	Peon	9	0	0	1	0	0
	Sweeper	3	0	0	1	0	0
	POLICE.						
	4th-class Police Inspector	70	0	0	50	0	0
	1st-grade European head constable ..	50	0	0	10	0	0
	Do. do. ..	50	0	0	10	0	0
	6 head constables with local allowance at Rs. 10 each ..				60	0	0
	16 head constables with local allowance at Rs. 7 each				112	0	0
	45 head constables with local allowance at Rs. 6 each				270	0	0
	112 head constables with local allowance at Rs. 5 each				560	0	0
	Railway Police constable at Coonoor ..	8	0	0	5	0	0
	Clerical Staff of the Police Establishment.						
	Clerk	25	0	0	7	0	0
	Do.	15	0	0	7	0	0
	Muchi	8	0	0	4	0	0

Head-quarters.	Designation.	Pay. RS.	A.	P.	Local allowance. RS.	A.	P.
	MEDICAL.						
Gúdalúr.	*Civil Hospital, Gúdalúr.*						
	Civil Apothecary ..	100	0	0	50	0	0
	POLITICAL.						
Ootacamund.	*Chitrali State Prisoners' Guard.*						
	Head constable ..	14	0	0	7	0	0
	Two constables on Rs. 8 with local allowance at Rs. 5 each	16	0	0	10	0	0
	Police Hospital, Ootacamund.						
	1st-class Hospital Assistant C. N. K. Periz ..	55	0	0	5	0	0*
	Reserve Medical Establishment.						
	3rd-class Hospital Assistant G. Y. Roberts ..	25	0	0	5	0	0*
	District Board Hospital, Kotagiri.						
	Civil Apothecary M. L. Noronha	75	0	0	7	0	0*
	FOREST DEPARTMENT.						
	Permanent.						
Sigur ..	Deputy Ranger ..	35	0	0	10	8	0
Benni ..	One Forester	20	0	0	6	0	0
Teppacadu	Do.	20	0	0	6	0	0†
Do.	One Forest-guard ..	10	0	0	3	0	0
Ammankaval.	Do. ..	9	0	0	2	11	2
Cherambadi.	Do. ..	9	0	0	2	11	2
Benni ..	Do. ..	9	0	0	2	11	2
Ebbanad	Do. ..	9	0	0	2	11	2
Teppacadu	Two Forest guards with local allowance at Rs. 2-6-5 each ..	8	0	0 each.	4	12	10‡
Mudumalai.	Do. ..	8	0	0 each.	4	12	10
Bokkapuram.	One Forest guard ..	8	0	0	2	6	5
Masnigudi.	Do. ..	8	0	0	2	6	5
Singara..	Do. ..	8	0	0	2	6	5
Guruvegavedunhundi.	Do. ..	8	0	0	2	6	5
Sholur ..	Do. ..	8	0	0	2	6	5
Sigur ..	Do. ..	8	0	0	2	6	5
Chinna Coonoor.	Do. ..	8	0	0	2	6	5
Naduvattam.	Do. ..	8	0	0	2	6	5
Pykara..	Do. ..	8	0	0	2	6	5
Benni ..	One Range peon ..	7	0	0	2	1	7
Do. ..	One Range clerk ..	15	0	0	4	8	0
Masnigudi.	Do. ..	15	0	0	4	8	0
Do.	One Range peon ..	8	0	0	2	6	5
	SALT AND ABKÁRI DEPARTMENT.						
	One Assistant Inspector, Aravanghat distillery.	125	0	0§	35	0	0
	One Sub-Inspector, Nilgiri Range	30	0	0§	15	0	0
	Two peons, 2nd grade, of the Aravanghat distillery, at Rs. 7 each ..	14	0	0§	10	0	0
	Seven peons, 2nd grade, at Nilgiri Range ..	49	0	0§	35	0	0

* Warm clothing allowance.
† At present there is none at Teppacadu.
‡ At Rs. 2-6-5 each.
§ Pay varying.

BUILDINGS AND ROADS.
MILITARY WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 25 W., 15th January 1900.

JANUARY.

Military Buildings, etc., at Vizagapatam

Passing certain remarks on the statement forwarded by the Deputy Adjutant-General, Madras Command, regarding the disposal of —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads. Military Works.

READ—the following papers :—

From the Deputy Adjutant-General, Madras Command, to the Secretary to the Government of Madras, Public Works Department, dated Ootacamund, 10th October 1899, No. B./W. 15277.

With reference to G.O., No. 1243 W. of the 9th May 1899, I have the honour to enclose, for your information, a copy of letter No. 2123 B. of the 12th June last, from the Quartermaster-General in India, wherein that officer desires the Lieutenant-General Commanding the Forces, Madras, to submit complete proposals for the disposal of the whole of the military buildings and cantonment lands at Vizagapatam after consulting the Local Government in the matter.

2. In conformity therewith, I am desired by the Lieutenant-General Commanding the Forces, Madras, to forward the accompanying statement, which shows (1) the existing military buildings, &c., at Vizagapatam, (2) how they are at present occupied, and (3) the recommendations which the Lieutenant-General Commanding proposes to make as to their disposal, and to enquire whether the recommendations generally meet with the approval of Government.

3. I am to invite special attention to the recommendations made against items (1), (9) and (14), and to enquire whether the Madras Government would prefer to take over the buildings in question on the conditions mentioned in the statement.

4. I have not touched on the question of the disposal of the cantonment lands in this letter; the recommendations of the Lieutenant-General Commanding in the matter will be submitted to the Quartermaster-General in India through the Chief Secretary to the Government of Madras.

5. As the Quartermaster-General in India has called for an early reply to his letter, I shall deem it a favour if you will treat this reference as urgent.

ENCLOSURES.

From the Quartermaster-General in India, to the Lieutenant-General Commanding the Forces, Madras, Ootacamund, dated 12th June 1899, No. 2123-B.

I am directed by His Excellency the Commander-in-Chief to return the enclosures of your No. B./W. 7826, dated 18th May 1899, regarding the proposed transfer of certain buildings at Vizagapatam to the Madras Government, and to say that, with a view to relieving the Military Works estimates of the cost of maintaining buildings which are never again likely to be required for military purposes, His Excellency considers it will be preferable to settle once for all the question as to the disposal of the whole of the military buildings in that cantonment. The Commander-in-Chief will, therefore, be glad if, after consulting the Local Government, you will be so good as to submit complete proposals including the disposal of the cantonment lands.

2. With regard to the buildings occupied by the East Coast Railway Volunteers, I am to say that, unless arrangements have been made with the concurrence of the Government of India, under which the corps have been allowed to occupy the buildings on condition of keeping them in repair, they, together with the sites on which they stand, should be disposed of in accordance with the orders contained in Military Department No. 2442-B., dated 3rd September 1898, and paragraph 522-A, Army Regulations, India, Volume IX (Provisional Issue).

3. Such buildings as are not required for any military purpose and which the Madras Government are not desirous of taking over might be demolished. The two wells should, however, be allowed to stand, and no doubt some suitable arrangement could be made for their maintenance.

4. I am to enquire whether the cantonment lands are the property of the Military Department, and whether in that case these lands should be made over to the Civil authorities unreservedly, or whether the usual lien should be retained thereon.

5. I am to add that His Excellency has no wish to disturb the occupant of the veteran barracks, but the eventual disposal of the building at present occupied by this old soldier should be included in your proposals.

Buildings.	How at present used.	Recommendations as to disposal.
(1) Sergeants' mess, 1	By Sergeant Instructor, East Coast Rifle volunteers.	To continue on Military Works returns, unless the Madras Government in the Public Works Department would prefer to take over the building and charge rent for it while in occupation by the Sergeant Instructor, East Coast Rifle Volunteers.
(2) Main Guard, 1 ..	For storage of famine tools (Required by the Public Works Department).	Transfer to the Public Works Department, Madras—See G.O., No. 1243 W. of the 9th May 1899.
(3) Battery Guard room, 1.	Adjutant's office, East Coast Rifle Volunteers.	The Government of India, in their letter No. 2201 M.W. of the 27th July 1894, to the Secretary to the Government of Madras, Public Works Department, sanctioned the rent-free transfer of this building to the East Coast Rifle Volunteers for use as an office by the Adjutant of the Corps on the following conditions:— (a) That no material alterations will be made in it without the sanction of the Government of India. (b) That the Government of India reserve to themselves the right to resume the building at any time. (c) That the Volunteer Corps will keep the building in repair to the satisfaction of the Public Works Department. This is the only building the Corps requires, and it is recommended that they retain the use of it on the same terms.
(4) Magazine, 1 ..	As a godown by Public Works Department (Required by Public Works Department).	Transfer to the Public Works Department, Madras—See G.O., No. 1243 W. of the 9th May 1899.
(5) Battery magazine, 1.	For storage of 9 o'clock gun ammunition.	To be retained and maintained in future at the expense of M.R.Ry. A. V. Jaggarow Garu—*vide* Deputy Adjutant-General's endorsement No. B./W. 17335, dated 24th November 1899.
(6) Commissariat or Arrack godown, 1.	As a Public Works Department Store (Required by Public Works Department).	Transfer to the Public Works Department, Madras—See G.O., No. 1243 W. of the 9th May 1899.
(7) Provost cells and latrine, 1.	Not used	To be demolished as it is not required by the Volunteers or the Civil Department and there is no military use for it.
(8) Regimental cells, 2.	Not used	Do. do. do.
(9) Cook-house, Sergeants' mess, 1.	By Sergeant Instructor, East Coast Rifle Volunteers.	To continue on Military Works returns, unless the Madras Government in the Public Works Department would prefer to take over the building and charge rent for it while in occupation by the Sergeant Instructor, East Coast Rifle Volunteers.
(10) Cook-house Barracks, 1.	Occasionally used by the Officer in Barracks in which the arms of the Volunteers are now kept.	To be demolished as it is not required by the Volunteers or the Civil Department and there is no military use for it.
(11) Privies, Barracks, upper storey, 2.	Not used	Do. do. do.
(12) Privies, Barracks, 1.	Occasionally used by those who attend barracks in which arms of the Volunteers are kept.	Do. do. do.
(13) Privies, Hospital, 1.	By Hospital patients ..	Retain for the present on Military Works returns (See remarks against No. 17).
(14) ,, Sergeants' mess, 2.	By Sergeant Instructor, East Coast Rifle Volunteers.	To continue on Military Works returns, unless the Madras Government in the Public Works Department would prefer to take over the building and charge rent for it while in occupation by the Sergeant Instructor, East Coast Rifle Volunteers.
(15) Wells, Barracks, 1.	By public	Transfer to Public Works Department, Madras, for maintenance.
(16) Wells, garden, 1.	Do.	Do. do. do.
(17) Barracks, Upper and Lower storey.	By Private European Veteran Company, as Native Detail Hospital and Dispensary, Armoury, East Coast Rifle Volunteers and Pension Pay and Detail offices.	Retain on Military Works returns until the question of the closing of the Native Detail Hospital and Dispensary about to be taken up, is settled.

From W. C. DEMORGAN, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Camp Dowlaishwaram, 26th October 1899, No. 1325 V.Z.

With reference to your No. 4164 of 21st October 1899 (herewith returned), I have the honour to offer the following remarks :—

Items 2, 4, 6 call for no remarks, as they have already been transferred to the Public Works Department.

Items 1, 9, 14 might be taken over by the Public Works Department, as the rent would probably pay for repairs.

Items 15, 16 are used by the public, and it is suggested that they are probably a municipal charge.

Item 5 is also used for public purposes, and therefore might be handed to the Municipality instead of being demolished.

Item 3 to be reserved by the East Coast Railway Volunteers under the usual conditions.

Items 7, 8, 10, 11, 12.—To be demolished.

These buildings are in the Fort Square, and the site would be a most valuable one for building purposes. It will certainly be necessary to construct a combined office for the Superintending Engineer and Executive Engineer, and other buildings will probably be required. It is almost impossible to obtain sites around Vizagapatam, and I venture to suggest it is worthy of consideration whether these lands should not be handed over for that purpose.

From the Executive Engineer, Vizagapatam Division, to the Superintending Engineer, I Circle, dated 6th October 1899, No. 403 S.E.

[*Reference.*—Your No. 1179 V.Z. of 22nd September 1899.]

With reference to the above, I beg to inform you that it is reported to me that the military building "Battery Magazine No. 1" at Vizagapatam is used only for the storage of ammunition for the 9 o'clock time-gun, and the keys of the building are in possession of Mr. Sheffield who is both the Pension Paymaster and the officer in charge of Details.

No. 1249 V.Z.

Copy forwarded to the Assistant Adjutant-General, Madras Army, with reference to letter No. 2816 B., dated 19th September 1899.

6th October 1899.

(Signed) R. MACALISTER, Lieut.,
Asst. Engr., *for* Suptg. Engr., I Circle.

No. 3233 B.

True copy for information in continuation of paragraph 1 of my No. 3005 B., dated the 3rd October 1899.

FORT ST. GEORGE,
11th October 1899.

(Signed) F. H. WHILBY, Col.,
Commanding Madras District.

To the Deputy Adjutant-General, Madras Command.

No. B./W. 15690.

As the Madras Government has sanctioned * the continuance of the firing of the time-gun at Vizagapatam at the expense of M.R.Ry. A. V. Jaggarow Garu, please ascertain, through the Collector of Vizagapatam, and report if Mr. Jaggarow Garu is prepared to either pay rent for the building in future or maintain it in a proper state of repair at his own expense. It should be clearly pointed out that the building not being required for military purposes the cost of its maintenance, if retained, will not be borne by Military Works funds.

* G.O., No. 1016, Public, of the 11th September 1899, communicated to you with my Memorandum No. A./E. 14621 of the 27th September 1899.

2. Early return requested.

(By order.)

OOTACAMUND,
18th October 1899.

(Signed) P. NEVILLE, Colonel,
Asst. Qr.-Mr.-Genl., *for* Dy. Adjt.-Genl.

To the General-Officer Commanding, Madras District.

No. 3808 B.

M.R.Ry. A. V. Jaggarow Garu is willing to keep the building in question in a proper state of repair at his own expense. A copy of his letter to the Collector of Vizagapatam is herein enclosed.

FORT ST. GEORGE,
16th November 1899.

(Signed) J. T. CUMMINS, Br.-Genl.,
Comdg. Madras District.

To the Deputy Adjutant-General, Madras Command.

ENCLOSURE.

From M.R.Ry. A. V. JAGGAROW, to the Collector, Vizagapatam, dated 30th October 1899.

With reference to your letter of 25th instant, I have the honour to inform you that I am prepared to maintain the building where ammunition for the time-gun is kept in a proper state of repair at my own expense.

My maistri will be attending to it in future, and whatever repairs are needed will be promptly executed.

No. B./W. 17335.

For information with reference to this office No. B./W. 15277 of the 10th October 1899.

2. Under the circumstances brought to notice, the Lieutenant-General Commanding the Forces now recommends that building No. 5, Battery Magazine, be retained and maintained in future at the expense of M.R.Ry. A. V. Jaggarow Garu.

OOTACAMUND,
24th November 1899.

(Signed) P. NEVILLE, Colonel,
Asst. Qr.-Mr.-Genl., *for* Dy. Adjt.-Genl.

To the Secretary to the Government of Madras, Public Works Department.

From W. O. HORNE, Esq., Collector of Vizagapatam District, to the Secretary to Government, Revenue Department, dated 8th December 1899, D. Dis. No. 1334.

Referring to official memorandum No. 359, dated 10th ultimo, I have the honour to state that I agree with all the Chief Engineer's suggestions for disposal of the buildings. The time-gun magazine is of no use to the Municipality, and the ammunition stored therein is supplied by the Military Department. I therefore consider that it should remain under Military Works, Mr. Jaggarow, who was permitted to fire the gun in G.O., No. 1016, Public, dated 11th September last, paying for necessary repairs. The Vizagapatam Municipality is willing to take over the two wells referred to in paragraph 4 of the Chief Engineer's note. I return herewith the enclosures to the Government memorandum quoted above.

No. 8099 Revenue.

Transferred to the Public Works Department with reference to its unofficial reference No. 4426, dated 6th November 1899.

(Signed) N. E. MARJORIBANKS,
Under Secretary to Government.

14th December 1899.

ORDER—No. 25 W., dated 15th January 1900.

In the first of the letters read above, the Deputy Adjutant-General forwards a statement which shows (1) the existing military buildings, &c., at Vizagapatam, (2) how they are occupied, and (3) the recommendations which the Lieutenant-General Commanding the Forces, Madras, proposes to make as to their disposal, and inquires whether the recommendations meet with the approval of Government.

2. In G.O., No. 1243 W., dated 9th May 1899, Government consented to the transfer of the buildings numbered 2, 4 and 6 in the statement to the Public Works Department, and these items therefore call for no further remarks.

3. As regards items 1, 9 and 14 in the statement, the Lieutenant-General Commanding will be informed that Government is not disposed to take over these buildings and charge rent for them while in the occupation of the East Coast Railway Volunteers.

4. Items 15 and 16 are wells which Government declined to take over in G.O., No. 1243 W., dated 9th May 1899, as no use could be found for them. The Collector of Vizagapatam reports that the Municipality is willing to take them over, and they may be transferred to that body if not required by the Military Department.

5. With regard to item 5, it is observed from the Deputy Adjutant-General's letter No. B./W. 17335, dated 24th November 1899, that this building will continue to be retained by the Military Department.

6. The buildings numbered 7, 8, 10, 11 and 12 in the statement are not required and may be demolished as proposed, but the sites will be wanted for Provincial purposes if they are relinquished by the Military Department.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Deputy Adjutant-General, for the information
of the Lieutenant-General Commanding the Forces,
" Superintending Engineer, I Circle.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 30 W., 15th January 1900.

JANUARY.

Yercaud Ghat road, Salem District

The revised estimate, amounting to Rs. 9,220, for surveying the —, sanctioned with remark.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From G. B. LAMBERT, Esq., Executive Engineer, Salem Division, to the Superintending Engineer, IV Circle, dated 6th Dec. 1899, No. 570 S.E.

I have the honour to submit, herewith, for sanction, a revised estimate for surveying the Yercaud ghât road in Salem district and to state that the original estimate sanctioned in G.O., No. 3105 W., dated 8th November 1897, provided for the work to be done as per Mr. O'Connell's trace. Subsequently, however, work was ordered to be done for tracing the Mallapuram ghât and the total expenditure incurred on both the above was Rs. 4,901. In G.O., No. 2180 W., dated 15th August 1899, the Government decided finally that the Bailey's trace should be adopted. In doing the latter work, a sum of Rs. 3,280 in excess of the original sanction as shown by the comparative statement accompanying has to be sanctioned and funds to the extent of Rs. 4,379 are required to meet the outlay to be expended during the current year. The estimates are under preparation and will be submitted shortly. As the contractor is urging for payment, I request your permission to pay him in anticipation of sanction to the revised estimate and necessary allotment of funds.

No. 673/W.

Copy submitted to the Chief Engineer, Public Works Department, for favour of obtaining sanction of Government to the revised estimate of Rs. 9,220.

COIMBATORE,
14th December 1899.

(Signed) A. H. GARRETT,
Superintending Engineer, IV Circle.

ORDER—No. 30 W., dated 15th January 1900.

The revised estimate, amounting to Rs. 9,220, for surveying the Yercaud ghât road in the Salem district, is sanctioned in supersession of the estimate of Rs. 5,940 sanctioned in G.O., No. 3105 W., dated 8th November 1897.

2. As no funds are available at present, the Superintending Engineer will propose the necessary re-appropriation of grants.

3. This sanction has been registered as Provincial No. 117 W. of 1899–1900, and classified as Communications—Original Works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, IV Circle, with one enclosure.
,, Examiner, Public Works Accounts.
,, Local and Municipal Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 35 W., 16th January 1900.

JANUARY.

Groynes

The estimate, amounting to Rs. 3,600, for constructing five hurdle — along the right margin of the Koduvayar in the Negapatam harbour, sanctioned with remark.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From J. E. PAUL, Esq., Officiating Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 12th April 1899, No. 236 W.

With reference to your memorandum, No. 507 D., dated 20th June 1898, I have the honour to submit, for sanction, the enclosed revised plans and estimate, amounting to Rs. 3,600, with report for constructing hurdle groynes in the riverside of Negapatam harbour.

From the Superintending Engineer, V Circle, dated 16th June 1899, No. 346 W.
" " " V " " 15th December 1899, No. 674 W.

ORDER—No. 35 W., dated 16th January 1900.

The estimate, amounting to Rs. 3,600, for constructing five hurdle groynes along the right margin of the Koduvayar in the Negapatam harbour, is sanctioned.

2. The grant of Rs. 1,000 in the current year's budget for extension of groynes at Negapatam is transferred to the work now sanctioned, and an additional allotment of Rs. 2,000 is made from the reserve with the Public Works Department.

3. The countersignature of the Presidency Port Officer to the estimate should be obtained before the work is put in hand.

4. The sanction accorded in paragraph 1 has been registered as Excluded Local No. 20 W. of 1899-1900, and classified as Miscellaneous Public Improvements—Original Works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, V Circle, with plans and estimate.
" Examiner, Public Works Accounts.
" Marine Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.

PUBLIC WORKS.

Recd.	1900.	*Enclosures*	
Regd.		*Spare copies*	

G.O., No. 36 W., 16th January 1900.

JANUARY.

Groynes

The revised estimate, amounting to Rs. 4,725, for providing hurdle — to protect the nose of the spit in the Negapatam Harbour, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From the Superintending Engineer, V Circle, dated 13th May 1899, No. 288 W.
" " V " " 28th November 1899, No. 362 W.

Note by the Chief Engineer, Public Works Department.

The Superintending Engineer, V Circle, submits a revised estimate, amounting to Rs. 4,725, for providing hurdle groynes to protect the nose of the spit in the Negapatam Harbour, in lieu of the original estimate of Rs. 3,000 sanctioned in G.O., No. $\frac{2054}{A}$ W., dated 12th August 1898. The excess of Rs. 1,725 is due to the following causes :—

	RS.
(a) Increase in rates ...	1,277
(b) Deviation in materials ...	661
(c) Other petty items ...	6
Total ...	1,944
Deduct savings ...	—219
Net excess ...	1,725

Item (a).—The excess under this head occurred on (1) ainee wood piles, (2) driving wood piles, (3) wrought iron work, and (4) rough stone filling. The necessity for allowing increased rates for these items is fully explained in the Officiating Executive Engineer's letter, No. 419 S.E., dated 8th August 1899. The excesses are unavoidable and may be passed.

Item (b).—The increase on this item is attributed to the substitution of ainee wood for palmyra vertical pieces. This change was necessary and the excess may therefore be passed.

Item (c) is trifling and calls for no special remark.

21st December 1899.

(Signed) W. B. DEWINTON,
Chief Engineer.

ORDER—No. 36 W., dated 16th January 1900.

The revised estimate, amounting to Rs. 4,725, for providing hurdle groynes to protect the nose of the spit in the Negapatam Harbour, is sanctioned in supersession of the original estimate of Rs. 3,000 sanctioned in G.O., No. $\frac{2054}{A}$ W., dated 12th August 1899.

2. The expenditure on the work to end of 1898-99 was Rs. 3,767 and the current year's grant is Rs. 950.

3. The sanction accorded in paragraph 1 has been registered as Excluded Local No. 21 W. of 1899-1900, and classified as Miscellaneous Public Improvements, Original Works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, V Circle, with five enclosures.
" Examiner, Public Works Accounts.
" Marine Department.

GENERAL.
ESTABLISHMENT.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 41 W., 17th January 1900.

JANUARY.

Grant of special additional Pensions

Letter from the Government of India laying down certain procedure to be observed in submitting recommendations for the — under article 714 of the Civil Service Regulations, communicated to the Examiner, Public Works Accounts, with remark.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper:—

From G. H. D. WALKER, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 14th October 1898, Circular No. IV Public Works.

Procedure to be observed in submitting recommendations for the grant of special additional pensions, under article 714 of the Civil Service Regulations.

I am directed to state that the Government of India have observed that the procedure followed by Local Governments, etc., in regard to the submission of applications for the grant of special additional pensions admissible under the provisions of article 714 or 714-A of the Civil Service Regulations has not been uniform.

I am therefore to request that in future all recommendations for the grant of special additional pensions under article 714 or 714-A may be accompanied by a copy of the application for pension in form No. 15-A (Pension) including the Audit Officer's certificate under the note at the foot of the form.

Vide page 106 of the Appendices to the Civil Service Regulations.

I am to add that the application for the additional pension should not be forwarded to the Government of India till the officer has actually retired and the ordinary pension admissible has been sanctioned by the Local Government.

ORDER—No. 41 W., dated 17th January 1900.

Communicated to the Examiner, Public Works Accounts. The circular read above should be substituted for that communicated with G.O., No. 2783 W., dated 31st October 1898.

(True Extract.)

(Signed) W. B. DE WINTON,
Secretary to Government.

To the Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 42 W., 17th January 1900.

JANUARY.

Suspense Balances

Office-note from the Examiner, Public Works Accounts, offering suggestions as to the best practical manner of estimating the anticipated fluctuations in —, communicated to the officers concerned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

Office-note from the Examiner, Public Works Accounts, Madras, dated 15th November 1899, No. 1282 A./B.

In continuation of my office-note No. 1262 A./B. of 8th instant, it has struck me that it may be useful in putting this matter on a better footing permanently if I offer a few suggestions as to the best practical manner of estimating the anticipated fluctuations in suspense balances, which suggestions might perhaps be communicated to Executive Engineers for guidance.

2. The Executive Engineer with the accountant at his elbow will have all the latest (December's) suspense schedules and accounts before him, and should take them up one by one and deal with them in some such manner as the following.

3. *Purchases.*—The first thing to be done with this account is to carefully analyse the component items of the unadjusted balance at end of December. The items will mostly be bills payable for articles already received. The accountant will see by reference to cash books to what extent these items have been cleared in January, as also what new purchases, if any, have been made during that month, and with the Executive Engineer's knowledge of further purchases anticipated in February and March and of what items are likely to be settled in those months it cannot be a difficult matter to determine what the anticipated debits and credits to this account will be during the last three months of the official year.

4. *Sales.*—The unadjusted balance on this account will be a debit balance representing the value of stores sold on credit, and by proceeding on exactly the same lines as those indicated under "purchases," the debits and credits to this head can be easily settled. I may here remark that transactions under "purchases" and "sales" are not at all frequent and are confined to about three or four divisions in the Presidency.

5. *Stock.*—The debits to this head are from various sources, and it will be necessary therefore in framing the estimate to carefully consider the different sources from which there is likely to be an accession to "stock." These are—

(1) value of stores to be received through the "purchase" account;
(2) value of stores to be received by transfers from other divisions;
(3) materials likely to be returned from works or dismantled buildings or the like;
(4) Anticipated cash outlay on—
  (*a*) Stock,
  (*b*) Manufacture, and
  (*c*) Carriage,

and the manner in which each of these different items would be considered would be probably as follows :—

Item (1).—Here there is no difficulty as the figure for this item will have been already determined in scrutinizing the credits to the "purchase" account and can be set down at once.

Item (2).—The accountant would be asked—"Are there any indents for stock sent forward to other divisions awaiting compliance?" If yes, then the point for consideration is to what extent are those indents likely to be complied with before the close of the official year (as the division on which the indent was made will also have to arrive at this information in dealing with its *credits* to "stock," that division should invariably communicate the figure to the indenting division — see paragraph 6 (*b*).

Item (3).—On this point it may be necessary to obtain information from Sub-Divisional officers, but if the issue of materials to works is carefully regulated in the first instance, the transactions on this account ought to be very limited. As regards materials received from dismantled buildings, the Executive Engineer will have fairly accurate information of any debits expected on this account.

Item (4).—(*a*) The payments made in January will be known; the other anticipated charge will be dependent upon whether Executive Engineer has already ordered stock articles from contractors or from others which he expects to receive within the next two months and for which he will pay at time of delivery or in the same month.

(*b*) Will affect only a very few divisions, viz., those in which manufacturing operations are carried out. The estimate for this must be based on the charges already incurred in January and the possible payments in February and March with reference to anticipated progress on operations.

(*c*) The estimate in this case will consist of charges likely to be incurred in the removal of stores from one depot to another, and in the case of purchases anticipated from the agreed place of delivery to Executive Engineers or other store-yard.

6. The credits to "stock" will embrace—

(*a*) value of materials likely to be issued to works,

(*b*) value of materials likely to be transferred to other divisions (information on this point will invariably be sent to indenting divisions), and

(*c*) adjustments of losses of stock as contemplated in Code II, II, 141.

(*a*) Information on this point will probably have to be obtained from Sub-Divisional officers.

(*b*) This will have to be considered with reference to indents received from other divisions not complied with (the probable credits to stock on this account should invariably be intimated to the indenting divisions—see also paragraph 5, item 2).

(*c*) An Executive Engineer, by a careful scrutiny of his stock register, will know whether an adjustment of this nature will be necessary, and if so to what extent. Only fifteen divisions in the Presidency maintain a reserve supply of stock, and in nine of these the reserve limit is small and the transactions are very limited.

7. *Miscellaneous Advances.*—One of the fundamental rules of the department is that expenditure incurred on a known service should be charged to that service, and if this rule is carefully observed, the items that may appear in an Executive Engineer's Miscellaneous Advance schedule will be grouped under the following heads:—

(1) Advances to work people or for collecting labour when such charges cannot be charged to a specific head.

(2) Advances to members of the department.

(3) Miscellaneous items consisting of errors and retrenchments in accounts awaiting adjustment and other payments held in suspense for want of information regarding allocation.

Item (1).—will scarcely require consideration as advances of this nature are exceptional in this Presidency. If there happen to be an item or two of this sort, the Executive Engineer will generally know when or at what stage adjustment is likely to be effected.

Item (2).—The credits to this item are easily ascertainable. Advances to members of the department have, under the rules prescribed, to be recovered in fixed instalments or within a certain time, and by running over the outstanding items falling

under this group in the schedule for December, the Executive Engineer can almost tell to a nicety the recoveries that will be effected during the next three months against those items; and the probable actual debits for January being known, the recoveries against these items can also be readily jotted down. The debits during February and March must be conjectural and will have to be estimated as far as possible on Executive Engineer's personal knowledge of transfers that are likely to occur among the staff of his division, the class or grade of any officer or subordinate about to be transferred *to* the division being the data for estimating the amount.

Item (3).—It will not perhaps be difficult from the nature of the transactions and from correspondence that has already taken place to determine which of the items outstanding under this group are likely to be adjusted before the official year.

8. *London Invoices—London Stores.*—The transactions under these heads are confined to the Public Works Stores division, and possessing information of the indents sent forward as well as of payments made in England, the General Superintendent can give a fairly accurate estimate of the fluctuations.

9. *Workshop Manufacture Suspense.*—The estimate for this, which is dealt with by the Public Works Workshops division only, must be considered with reference to (1) charges and (2) adjustments anticipated, the data for figures being determined with reference to the anticipated progress on incomplete jobs on hand as well as those likely to be undertaken within the official year.

Order—No. 42 W., dated 17th January 1900.

Communicated to the officers concerned for information and guidance in continuation of G.O., No. 3224 W., dated 12th December 1899.

(True Extract.)

(Signed) W. B. deWINTON,
Secretary to Government.

To Superintending Engineers.
„ the Consulting Architect to Government.
„ the Superintendent of Works, Lighthouse Division.
„ the Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

Government {1900} of Madras.

PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 43 W., 17th January 1900.

JANUARY.

Indents

Letter from the Director-General of Stores, India Office, requesting that, in future — for screws " underhead " lengths may be specified, communicated to officers of the Public Works Department,

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

From the Director-General of Stores, London, to the Secretary to the Government of Madras, Public Works Department, dated India Office, 19th December 1899, No. S.14365.

I have the honour to inform you that manufacturers of screws have notified that, in future, round-headed screws will be known by their length "underhead" instead of "overall" as hitherto.

I venture therefore to ask that in future indents for these screws "underhead" lengths may be specified, and that it may be stated that this has been done, in order that there may be no misconception as to the actual lengths required.

Until this can be arranged it will be assumed that "overall" measurements are intended, as heretofore.

I send you 10 copies of this letter under separate cover for your convenience in communicating with Indenting officers subject to your control.

Order—No. 43 W., dated 17th January 1900.

Communicated to officers of the Public Works Department, for information and guidance.

(True Extract.)

(Signed) W. B. deWINTON,
Secretary to Government.

To the Chief Engineer for Irrigation.
,, all Superintending Engineers.
,, the Consulting Architect to Government.
,, the Superintendent of Works, Lighthouse Division.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 58 W., 17th January 1900.

JANUARY.

Buildings

Ordered that the sanction of the Government of India be applied for to the expenditure incurred on certain — used as residences.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—again the following papers :—

G.O., No. 2920 W., dated 3rd November 1899.
" " 2970 W., dated 8th " "

READ—also the following papers : —

From the Consulting Architect to Government, dated 10th October 1899, No. 2377.
Office-note from the Examiner, P. W. Accounts, dated 6th Nov. 1899, No. 2632 B./A.

Office-note from the Examiner of Public Works Accounts, dated Madras, 31st October 1899, No. 1239 A./A.

In continuation of my office-note No. 3313 B./A. of 7th October 1899, and with reference to its enclosure, I have to acquaint you that our Accountant-General is of opinion that the past procedure of this office has been regular and should be continued. I have therefore to ask that the expenditure, as per list at foot, be submitted for sanction by India, but it seems so inconsistent with the powers and responsibilities of the Local Government (*vide* also Code, II, VI, 7) that India can wish to review a small excess regarding an estimate of this kind* which it has already sanctioned (provided the excess expenditure be legitimate) that in forwarding these excesses for sanction India might well be asked whether such a review is desired in future.

* Submitted to India under the provisions of Code, I, X, 17 (3).

Estimate sanctioned.	Amount of estimate for additional work.	
Consulting Architect Division.	RS.	
Connemara Cottage, Stonehouse Hill: Providing furniture to the —	1,046	(Regr. No. 65 of 1899–1900).
Clerks' quarters in out-houses of seven married clerks' quarters on Stonehouse Hill, Ootacamund: Providing furniture to the —	25	(" 66 of ").
Seven married clerks' quarters on Stonehouse Hill, Ootacamund: Providing furniture to the — ...	161	(" 67 of ").
Crewe Hall building at Ootacamund: Erecting a corrugated iron kitchen for —	157	(" 72 of ").
Crewe Hall building at Ootacamund: Erecting a latrine and covered passage to —	611	(" 82-A/72 of ").

Estimate sanctioned.	Amount of estimate for additional work.	
Salem Division.	RS.	
Assistant Superintendent of Police's quarters at Tiruppattúr: Constructing a latrine in the compound of the —	95	(Regr. No. 62 of 1898–99).
Vizagapatam Division.		
Police Assistant Superintendent's quarters at Narasapatnam—Improvements	490	(" 169 of ").
The expenditure on this estimate has amounted to Rs. 1,019 to end of September 1899.		
Madura Division.		
Judge's residence with out-houses at Madura: Planting trees in the compound of —	199	(Regr. No. 38 of 1898–99).

Office-note from the Examiner of Public Works Accounts, dated Madras, 16th November 1899, No. 1287 A./A.

With reference to paragraph 2 of G.O., No. 2920 W., dated the 3rd November 1899, I would invite your attention to my office-note No. 1239 A./A., dated the 31st October 1899, according to which the sanction of the Government of India will be required for the expenditure of Rs. 691 on constructing drains, laying service pipes, etc., to the Hospital Assistants' quarters attached to the Ophthalmic and Maternity Hospitals, Madras.

Office-note from the Examiner, P.W. Accounts, dated 21st November 1899, No. 1297 A./A.

ORDER—No. 58 W., dated 17th January 1900.

It would appear from the correspondence read above that the expenditure incurred on the following buildings requires the sanction of the Government of India:—

	RS.
(1) Providing furniture, etc., to the Connemara Cottage, Stonehouse Hill, Ootacamund, occupied by the Secretariat clerks	1,046
(2) Do. to the out-house attached to the seven married clerks' quarters on Stonehouse Hill, Ootacamund ...	25
(3) Do. to seven married clerks' quarters on Stonehouse Hill, Ootacamund	161
(4) Providing furniture to the Apothecary's quarters occupied by three Secretariat clerks at Ootacamund	232
(5) Erecting a corrugated iron kitchen for the Crewe Hall building at Ootacamund	157
(6) Erecting a latrine and covered passage to the Crewe Hall building at Ootacamund	611
(7) Constructing drains, laying Red Hills service pipes, and providing iron bars to windows in the Hospital Assistants' quarters attached to the Ophthalmic and Maternity Hospitals, Madras.	691
(8) Constructing a latrine in the compound of the Police Assistant Superintendent's quarters at Tiruppattúr, Salem district ...	95
(9) Improvements to the Police Assistant Superintendent's quarters at Narasapatnam, Vizagapatam district	1,019
(10) Planting trees in the compound of the new residence for the District Judge at Madura	199

2. The Examiner, having in his office-note No. 941 A./A., dated 28th July 1899, expressed his opinion that, when once a residence has been built or purchased, an excess over the estimated cost caused by ordinary expenditure essential to the building may be passed by this Government without reference to the Government of India, he was authorized to admit the outlay shown against items 1 to 7 of paragraph 1. As he now reports that the Accountant-General, Public Works Department, considers that the sanction of the Government of India in these cases is necessary, this sanction will, under paragraph 17 (3), chapter X, Volume I, of the Public Works Code, be applied for in the case of all items except 9, which appears to be in progress and for which the Superintending Engineer, I Circle, will submit at an early date an estimate with full explanation as to the necessity for the proposed improvements.

3. Item 10 is also a portion of a work in progress for which the Superintending Engineer, VI Circle, has already been directed to submit a complete estimate. It will therefore be excluded from the application now made.

[Here enter No. 59 W., 17th dated January 1900.]

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, I Circle.
" the " " IV "
" other Superintending Engineers.
" the Consulting Architect to Government.
" the Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.

PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

Letter, No. 59 W., 17th January 1900.

JANUARY.

Buildings

Requesting sanction to the expenditure incurred on certain — used as residences.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Letter—from

W. B. deWinton, Esq.,

Secretary to the Government of Madras,

Public Works Department,

To

The JOINT SECRETARY to the GOVERNMENT of INDIA,

Public Works Department.

Sir,

I am directed to forward a copy of Proceedings of this Government, No. 58 W., dated 17th January 1900, and to request the sanction of the Government of India to the expenditure shown against the following works:—

	RS.
(1) Providing furniture, etc., to the Connemara Cottage, Stonehouse Hill, Ootacamund, occupied by the Secretariat clerks ..	1,046
(2) Providing furniture to the out-house attached to the seven married clerks' quarters on Stonehouse Hill, Ootacamund ...	25
(3) Do. to seven married clerks' quarters on Stonehouse Hill, Ootacamund	161
(4) Providing furniture to the Apothecary's quarters occupied by three Secretariat clerks at Ootacamund	2[illegible]2
(5) Erecting a corrugated iron kitchen for the Crewe Hall building at Ootacamund	157
(6) Erecting a latrine and covered passage to the Crewe Hall building at Ootacamund	611
(7) Constructing drains, laying Red Hills service pipes, and providing iron bars to windows in the Hospital Assistants' quarters attached to the Ophthalmic and Maternity Hospitals, Madras ...	691
(8) Constructing a latrine in the compound of the Police Assistant Superintendent's quarters at Tiruppattúr, Salem district ...	95

2. It has been the practice of this Government hitherto to obtain the sanction of the Government of India to all proposals involving an increase in the capital cost of quarters as originally sanctioned by that Government under paragraph 17 (3), chapter X, Volume I, of the Public Works Code. The present Examiner of Public Works Accounts, Madras, expressed his opinion that in cases where the rental of a building exceeds 8 per cent. of the salary of the intended occupant, the Government of India wishes to decide whether the building shall be built or purchased, and that, after the decision is once given, an excess over the estimated cost caused by ordinary expenditure essential to the building is of no concern to the Government of India and may be passed by this Government. The expenditure shown against items 1 to 7 of paragraph 1 above were accordingly passed by this Government.

3. The Examiner now reports that his opinion has not met with the approval of the Accountant General who holds that the sanction of the Government of India is necessary in the cases in question. I am therefore to inquire whether the Government of India wishes to review in future these small excesses caused by ordinary expenditure essential to the buildings.

I have the honour to be,
Sir,
Your most obedient servant,

(Signed) W. B. DE WINTON,
Secretary to Government.

MADRAS,
17th January 1900.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900.
Regd. }

Enclosures

Spare copies

G.O., No. 86 W., 18th January 1900.

JANUARY.

St. Stephen's Church, Ootacamund

The estimate, amounting to Rs. 7,300, for improvements to —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

Letter from the Consulting Architect to Government, dated 25th September 1899, No. 2175.
,, the Venerable the Archdeacon, dated 23rd October 1899, No. 5427.
Endorsement in the Ecclesiastical Department, dated 24th October 1899, No. 2671.
Letter from the Venerable the Archdeacon, dated 8th November 1899, No. 5462.
Memorandum in the Ecclesiastical Department, dated 16th November 1899, No. 2955.

ORDER—No. 86 W., dated 18th January 1900.

The estimate, amounting to Rs. 7,300, for improvements to St. Stephen's church at Ootacamund, is sanctioned.

2. The improvements should be carried out as expeditiously as possible.

3. The cost of the proposed additions and alterations will be met from the following sources:—

	RS.
Government grant	3,500
Private subscription	3,800
Total ...	7,300

4. There being no funds at present in reserve, the Government grant of Rupees 3,500 will be provided next year. The Chaplain's offer to place the private subscription at the disposal of the Public Works Department in two instalments of Rs. 2,500 and Rs. 1,300—the first on the 1st February and the second on the 1st June 1900—is approved.

5. The sanction accorded in paragraph 1 has been registered as Provincial No. 118 W. of 1899–1900, and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Consulting Architect to Government, with plans (2) and estimate.
,, Examiner, Public Works Accounts.
,, Ecclesiastical Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 90 W., 19th January 1900.

JANUARY.

District Jail, Nellore

The estimate, amounting to Rs. 5,160, for increasing the cellular accommodation in the —, sanctioned for execution when funds are available.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

Letter from the Inspector-General of Prisons, dated 12th January 1899, No. 284.
Endorsement thereon in the Judicial Department, dated 24th January 1899, No. 233.
Letter from the Superintending Engineer, II Circle, dated 6th February 1899, No. 70 W.
Endorsement from the Superintending Engineer, II Circle, dated 16th Mar. 1899, No. 156 W.

Endt. No. 967, Judicial.

Subject to the alterations noted below, the plans and estimates for increasing the cellular accommodation in the Nellore District Jail are approved and transferred to the Public Works Department :—

(1) Country bricks should be substituted for table-moulded ones, and
(2) Flat and pan tiles for Mangalore tiles.

6th April 1899.

(Signed) A. R. KNAPP,
Acting Under Secretary.

Note by the Chief Engineer, Public Works Department.

The estimate for increasing the cellular accommodation in the Nellore District Jail is recommended for sanction with the following remark :—

As directed in G.O., No. 2643 of 7th October 1899, the thickness of the end wall of the new block of cells has been increased to 3′ 6″ at plinth level battering to 2′ thick at skew level, so as to withstand the thrust of the end segmental arch. Rs. 603 have been deducted by change of materials in construction as per Executive Engineer's No. 183 S.E. of 9th March 1899.

The estimate has been altered accordingly in this office and the amount reduced from Rs. 5,720 to Rs. 5,160.

18th December 1899.

(Signed) W. B. DEWINTON,
Chief Engineer.

ORDER—No. 90 W., dated 19th January 1900.

The estimate, amounting to Rs. 5,160, as altered by the Chief Engineer for increasing the cellular accommodation in the District Jail, Nellore, is sanctioned for execution when funds are available.

2. Attention is drawn to the Chief Engineer's note read above.

3. This sanction has been registered as Provincial No. 121 W. of 1899-1900 and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, II Circle, with plans and estimates.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
MILITARY WORKS.

Government {1900} of Madras.

PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 91 W., 19th January 1900.

JANUARY.

Quarters for the Sergeant-Major of the Malabar Volunteer Rifles at Calicut

The estimate, amounting to Rs. 2,300, for converting the Currency office buildings into —, approved and returned to the Superintending Engineer for sanction.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Colonel W. R. ROUTH, Assistant Adjutant-General, Southern District, to the Superintending Engineer, IV Circle, dated Wellington, 25th November 1899, No. 3265-B.

With reference to Proceedings of Madras Government, No. 940, of 23rd August 1899, I have the honour to forward, herewith, an estimate, amounting to Rs. 2,300, and plan for converting the former Currency office buildings into Sergeant-Major's quarters, Malabar Volunteer Rifles, Calicut, and to inform you that there are not sufficient funds in my hands to meet this estimate.

2. Will you please take such action as is necessary to obtain funds for the construction of the same.

No. 645/W.

Copy submitted to the Chief Engineer, Public Works Department, for favour of obtaining sanction of Government for the construction of quarters for the Sergeant-Major, Malabar Volunteer Rifles at Calicut, and of providing necessary funds for the same.

5th December 1899. (Signed) A. H. GARRETT,
Supg. Engineer, IV Circle.

ORDER—No. 91 W., dated 19th January 1900.

The estimate, amounting to Rs. 2,300, for Converting the currency office buildings at Calicut into quarters for the Sergeant-Major of the Malabar Volunteer Rifles at that station is approved and returned to the Superintending Engineer for sanction.

2. The Superintending Engineer will apply to the General Officer Commanding the Southern District for the requisite funds.

(True Extract.)

(Signed) W. B. DE WINTON,
Secretary to Government.

To the Superintending Engineer, IV Circle, with five enclosures.
" Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 112 W., 19th January 1900.

JANUARY.

Post Office building at Aska, Ganjam District

The demolition of the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From J. M. PARKER, Esq., Executive Engineer, Ganjám Division, to the Superintending Engineer, I Circle, dated 1st December 1899, No. 5922.

The Post office building at Aska (otherwise known as the old District Munsif's court) was abandoned by the Postal Department owing to the unsafe condition it was in, and it has been transferred to this department in September last—*vide* communication No. 5674 of 18th September 1899, from the Director-General of Post Offices, India, to the Postmaster-General, Madras (copy enclosed). I inspected the building on 2nd September 1899 and found it in a very dangerous condition. I am of opinion that the building is beyond repairs and that any money spent on it is amere waste. I therefore recommend its demolition retaining the site (Public Works Code, I, X, 20).

The register of buildings maintained in this office shows that the building was erected in 1865 at a capital cost of Rs. 3,000.

ENCLOSURES.

From the Director-General of Post Office of India, to the Postmaster-General, Madras, dated 18th September 1899, No. 5674.

With reference to your letter No. 971 of 5th September 1899, I have the honour to convey the Director-General's sanction to the transfer to the Public Works Department of the building formerly occupied by the Aska combined office, which is no longer required by this department as the office has been removed to a rented building.

No. 572/25590 B.G.

Forwarded to the Superintendent of Post Offices, Vizagapatam division, for information with reference to the correspondence ending with his No. 1161 of 1st September 1899. The building in question may be made over to the Public Works Department, as soon as the necessary lease of the rented building has been obtained and date reported.

29th September 1899.

(Signed) G. R. TETER,
for Postmaster-General.

No. 10863.

Forwarded to the Executive Engineer, Ganjam, for information. The building was vacated on 1st July 1899.

6th October 1899.

(Signed) C. VENKATA SUBBIAR,
Supdt. of Post Offices, Vizagapatam.

No. 83 C.

Copy submitted to the Chief Engineer, Public Works Department, for favour of obtaining sanction of Government for the demolition of the building in question.

2. A copy of the Postal Department communication is enclosed.

KONDAKERLA,
6th December 1899.

(Signed) W. C. DEMORGAN,
Supg. Engineer, I Circle.

ORDER—No. 112 W., dated 19th January 1900.

The demolition of the building is sanctioned.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 113 W., 19th January 1900.

JANUARY.

Old Taluk office building at Vinukonda

Approving the proposals of the Superintending Engineer, II Circle, to transfer the sub-jail portion of the — to the Forest Department, and the rest of the building to the Educational Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From J. HANNAN, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Bezwada, 30th November 1899, No. 526 W.

In G.O., No. 334 W., dated 3rd February 1899, the transfer of sub-jail portion of the old Taluk office at Vinukonda to the District Board and the rest of the building to the Forest Department was sanctioned.

2. The Collector, Kistna, now informs me that the old sub-jail portion of the building may be given to the Sub-Assistant Inspector of Girls' schools at Bellary for the girls' school at Vinukonda.

3. I am of opinion that the portion of the old Taluk office allotted to the Forest Department is the more suitable for a girls' schools; also, that for a Range office the old sub-jail provides ample and suitable accommodation.

The Collector has also agreed with me.

4. I request, therefore, that you will be so good as to obtain the sanction of the Government to the transfer of the sub-jail portion to the Forest Department and the rest of the old Taluk office to the Educational Department.

The Collector of the Kistna says that he has no objection to these proposals.

ORDER—No. 113 W., dated 19th January 1900.

The Superintending Engineer's proposals are approved in supersession of the arrangements ordered in G.O., No. 334 W., dated 3rd February 1899.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, II Circle.
,, Revenue Department.
,, Local and Municipal Department.
,, Educational Department.
,, Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	} 1900.	*Enclosures*	
Regd.		*Spare copies*	

G.O., No. 114 W., 19th January 1900.

JANUARY.

Teachers' College at Saidapet

The estimate, amounting to Rs. 14,130, for constructing an upper storey over the north wing of the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From the Honourable Mr. D. DUNCAN, M.A., D.Sc., LL.D., Director of Public Instruction, to the Secretary to Government, Educational Department, dated Madras, 8th November 1899, No. 12248.

With reference to G.O., No. 1467 W., dated 7th June last, I have the honour to submit, for sanction and transmission to the Public Works Department, plans with an estimate amounting to Rs. 14,400 for constructing an upper storey on the north wing of the Teachers' College, Saidapet. The need for additional accommodation is fully explained in the annual reports recorded in G.Os., Nos. 635 and 683, Educational, of the 12th November 1897 and 1st November 1898, respectively.

No. 535, Educational.

Approved and transferred to the Public Works Department.

17th November 1899. (Signed) R. W. D'E. ASHE,
Ag. Assistant Secretary.

Note by the Chief Engineer, Public Works Department.

The estimate for constructing an upper storey over the north wing of the Teachers' College at Saidapet is recommended for sanction, with the following remarks:—

(*a*) Taking a dead and live load of 150 lb. per square foot for the terrace roof over the upper storey, the following section of girders will be sufficient:—

For class, lecture and office rooms, 16″ × 5″ weighing 50 lb. per foot.
For class, Assistants' and Principal's rooms, 14″ × 6″ weighing 46 lb. per foot.

(*b*) One row of girders in the class, lecture and office rooms is placed directly over the segmental archways; as there is no room for relieving arches, teakwood bearings are placed under the girders, extending one foot on either side of the archways, so as to distribute the pressure sufficiently to prevent any failure of the arches. Their ends should be left clear.

(*c*) There is a mistake in the calculation of the *terrace flooring*; instead of 38 squares as calculated, the correct quantity should be 34 squares.

The above alterations have been made in the estimate in this office, and the amount of the estimate reduced from Rs. 14,400 to Rs. 14,130.

15th December 1899. (Signed) W. B. DEWINTON,
Chief Engineer.

ORDER—No. 114 W., dated 19th January 1900.

The estimate, amounting to Rs. 14,130, as altered by the Chief Engineer, for constructing an upper storey over the north wing of the Teachers' College at Saidapet, is sanctioned.

2. The allotment of Rs. 10,000 made for the work in G.O., No. 1467 W., dated 7th June 1899, has since been withdrawn. The necessary provision of funds will, if possible, be made in the budget estimate for the ensuing year.

3. Attention is drawn to the Chief Engineer's note read above.

4. The sanction accorded in paragraph 1 has been registered as Provincial No. 120 W. of 1899–1900 and classified as Civil Buildings – Original Works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Consulting Architect to Government,
with five enclosures.
" Examiner, Public Works Accounts.
" Educational Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.

PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 115 W., 20th January 1900.

JANUARY.

Road on the Anamalai Hills

The supplemental estimate, amounting to Rs. 2,78,500, for forming a metalled —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From A. H. GARRETT, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 9th December 1899, No. 661 W.

With reference to your memo. No. 481 C., dated 23rd January 1899, I have the honour to submit, herewith, for sanction of Government, plans and estimates, amounting in all to Rs. 2,78,500, for forming a metalled road from Vannanthorai to Punachi, a distance of $10\frac{3}{4}$ miles.

2. The estimates for the remaining portion of the road to Paralai will be submitted as soon as received from the Executive Engineer.

3. The original estimate for the Aliar bridge has been submitted as the Executive Engineer finds it difficult to allocate the actual expenditure on the work. It has, however, been completed within the estimate.

4. There has been a month's delay in the submission of this estimate in consequence of my tappal having miscarried when I was on tour in the West Coast division.

ORDER—No. 115 W., dated 20th January 1900.

The estimate, amounting to Rs. 2,78,500, for forming a metalled road from Vannanthorai to $10\frac{3}{4}$ miles of the Punachi Ghât on the Anamalai Hills, is sanctioned as supplemental to the estimates aggregating Rs. 32,230, sanctioned in G.Os., Nos. 960 W. and 2465 W., dated 13th April and 22nd September 1898, respectively.

2. This sanction has been registered as Provincial No. 119 W. of 1899–1900 and classified as Communications—Original Works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, IV Circle, with plans and estimates.
" Examiner, Public Works Accounts.
" Revenue Department.
" Local and Municipal Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.

PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 119 W., 20th January 1900.

JANUARY.

Plans and Estimates

Passing orders on the statement submitted by the Superintending Engineer, VI Circle, showing the progress in the preparation of — for unsanctioned works included in the budgot estimates for 1899–1900.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From the Superintending Engineer, VI Circle, dated 8th December 1899, No. 2104 T.C.

ORDER—No. 119 W., dated 20th January 1900.

With his endorsement read above, the Superintending Engineer, VI Circle, submits a statement showing the progress made in the preparation of plans and estimates for unsanctioned works included in Part I of the budget estimates for 1899–1900. The following orders are passed with reference to the works brought forward in the list:—

Item No. of budget.	Name of work.	Remarks of the Superintending Engineer.	Orders by Government.
	PROVINCIAL CIVIL WORKS. *Class A.*		
91	Residence for the District Forest officer at Palamcottah.	Estimate sanctioned in G.O., No. 1340 W., dated 26th May 1899, for Rs. 10,510.	Noted.
	Class B.		
38	Extending the Deputy Tahsildar's office at Mudukolathur.	Estimate sent to Collector for counter-signature and submission to Government for sanction, on 4th December 1899.	Estimates are awaited.
39	Extending the Deputy Tahsildar's office at Tiruchúli.	Do. do. ..	Estimates are awaited.
40	Constructing a combined office for the Tahsildar and Sub-Magistrate at Mélúr.	Estimate under preparation by the Executive Engineer.	The submission of the estimate should be expedited.
42	Constructing a Deputy Collector's office at Srivilliputtúr.	Compensation for land not yet settled ..	Early settlement of the compensation should be effected.
50	Putting up a wire fence round the compound of the Deputy Collector's office at Musiri.	An estimate of Rs. 510 has been sanctioned by the Superintending Engineer on the 23rd February 1899 in Register No. 58 of 1898–99.	Noted.
51	Improvements to the Deputy Tahsildar's office at Manaparai.	Estimate being checked in the Circle office..	Noted.
52	Improvements to the English Head Clerk's room in the Collector's office at Kokkarakulam.	Estimate of Rs. 6,300 sanctioned in G.O., No. 2109 W., dated 10th August 1899.	Noted.
70	Constructing a court-house for the District Munsif at Sáttúr.	Estimate being returned to the Executive Engineer for revision.	The estimate should be revised and submitted with the least possible delay.
75	Improvements to the Sub-Court at Kokkarakulam.	Estimate of Rs. 4,280 has been sanctioned in G.O., No. 2427 W., dated 15th September 1899.	Noted.

Item No. of budget.	Name of work.	Remarks of the Superintending Engineer.	Orders by Government.
	PROVINCIAL CIVIL WORKS—*cont.* *Class B*—cont.		
119	Constructing a Sub-Registrar's office at Kamudi.	Revised standard design awaited	Noted.
120	Constructing a Sub-Registrar's office at Rajapalium.	Do. do.	
121	Residence for the Executive Engineer at Palamcottah.	Plans and estimate returned with Memo. No. 3672 C., dated 2nd September 1899, have been sent to the Executive Engineer for revision.	Noted.
132	Altering a godown into a cook-house and re-roofing the carriage shed of the Police Reserve Inspector's quarters within the compound of the old European Infantry barracks at Trichinopoly.	An estimate, amounting to Rs. 940, was submitted by the Executive Engineer, but the proposed expenditure is considered to be much too great, the rent paid by the occupant being only Rs. 3½ per mensem and no further rent can be obtained from him. Hence the estimate was not sanctioned. However, an estimate of Rs. 55 for dismantling the roof of the godown and carriage shed, which were in a dangerous state, has been locally sanctioned.	Noted.
135	Extending the Kodamurti road bridge.	Estimate being scrutinized in the Circle office.	An inordinate delay has been allowed to occur in the submission of this estimate, which was called for in May 1897. It should be submitted as quickly as possible with an explanation for this long delay.
	EXCLUDED LOCAL FUNDS. *Civil Works, Part I.*		
4	Improvements to Port Officer's residence at Pámban.	Estimates, amounting to Rs. 2,090, have been sanctioned in G.Os., Nos. 123 W. and 1898 W., dated, respectively, 12th January and 24th July 1899, and the balance of the budget grant withdrawn in G.O., No. 2819 W., dated 25th October 1899.	Noted.
5	Residence for Port Officer at Tuticorin.	A fresh estimate of Rs. 21,350 has been sanctioned in G.O., No. 1784 W., dated 11th July 1899.	
6	Open shed for goods at Tuticorin.	Final orders have just been passed in G.O., No. 2793 W., dated 23rd October 1899, and the Executive Engineer has been instructed to submit the necessary plans and estimates.	Early submission of the estimates for these works is awaited.
7	Custom shed and platform on the foreshore at the new pier at Tuticorin.		

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, VI Circle.
" Marine Department.
" Revenue Department.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 126 W., 22nd January 1900.

JANUARY.

Anamalai Ghat Road

Inspection notes of the Chief Engineer, Public Works Department, on the —, recorded, with the remark that Government is pleased to note the good work done by the officers and subordinates concerned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

Inspection Notes of Chief Engineer, Public Works Department.

JANUARY 9.

1. *Anamalai Ghát Road.*—The District Board road from Pollachi to Auliar river, leading up to the ghât, crosses two streams of considerable size, of which one, certainly, the Pálár, remains in flood for two or three days at a time, and stops all traffic. The road to the Anamalais cannot be said to be complete until one or both of these rivers are bridged. The work should be carried out by the District Board, but it is highly improbable that the Board will ever find the necessary funds, and, unless built from Provincial funds, this necessary link in the chain of communication will remain unsupplied. The Superintending Engineer should make careful inquiries as to the average number of days in the year during which the rivers respectively remain in flood and submit plans and estimates for such works as he considers necessary. For the Pálár probably three spans of 66′ costing about Rs. 25,000 should suffice.

JANUARY 10.

2. *Bridge over Auliar River*—is practically completed and is a fine bridge of seven spans of 66 feet, with masonry piers founded throughout on solid rock, the girders being supplied by Burn & Co. It is a creditable piece of work to all concerned.

The level of roadway is low over one or two of the piers, and should be raised. Many of the wheel guards of pyngadu wood have warped badly. They should be cut in half longitudinally, straightened by weighting and relaid.

The pointing with Portland cement on the abutments has been done with bad cement, badly laid on, and is not as good elsewhere as it ought to be. It is necessary to test every cask of Portland cement before use. It should be removed where necessary and surki pointing substituted.

The iron fender should be completed in front of the pier in mid-stream, and left for a flood season. If it proves of service, as many of the remainder may be built as is considered necessary. If otherwise, it may be removed.

3. Avenues should be planted on both sides of the diversion road on north of bridge and of the first mile of road on south of bridge, as far as the jungle, a pit being dug for each tree not less than 6′ × 6′ × 6′ and filled with good soil, and the young tree tied to a stake, driven into the solid ground. The trees should be planted ten yards apart; jack, good mango, banyan and tamarind are the best kinds, but the latter is a very slow grower.

4. *Ghát Road from Bridge to Attikatti*, $7\frac{1}{2}$ *miles.*—The first $3\frac{1}{4}$ miles are practically completed and have been well done, the contractor being Syed Abdul Razack, a Mussalman of Dhárápuram. Thence onwards most of the revetment work is completed, and as it is practically continuous and often of great height, it represents an enormous quantity of work completed since last April. A large quantity of metal has also been collected.

5. At site of road dam about 0/5 to which there is a very steep approach on either side, the road should be raised until an easy gradient is obtained, and a culvert built underneath.

6. The cross slope of road is too great, but has been done according to the orders contained in my notes of October 1898, printed with G.O., No. 3209 W., dated 15th December 1898. It should be altered from 1 in 25 to 1 in 40.

7. *Size of Metal.*—The metal is too big, both here and throughout the remainder of the road inspected. The Executive Engineer spoke of the specification being to break metal to $1\frac{1}{2}''$ cube, but this only shows that he has not read the instructions given in paragraph 3 (4) of my note printed with G.O., No. 3209 W., dated 15th December 1898, which are that the metal should be broken to pass through a $1\frac{1}{2}''$ ring in any direction. These instructions should be strictly adhered to, and the metal broken accordingly.

8. *Quality of Metal.*—The quality of the metal varies greatly—it is sometimes good, sometimes moderate, and sometimes poor—the reason for the variation being that the rate provided does not allow of carrying the metal more than a short distance. As this road will, in all probability, be handed over to the District Board on completion, and as the Board will certainly use the metal nearest at hand, whatever its quality, it is not necessary now to go further afield for good metal at greater expense, and the best metal available within reasonable distance should be used, care being taken to rigorously exclude the rotten disintegrated gneiss which is prevalent on the surface in some places. This stuff should also be used as sparingly as possible for revetments and never where it would be exposed to crushing.

9. A revetment, 30 feet high, at about 3/2 miles, collapsed two or three days before my arrival for no apparent reason. The foundations were said to be sound, the construction good, and the dimensions correct, and in the absence of any ostensible cause, the failure has been ascribed to the malicious use of dynamite. I was equally unable to discover any cause for the accident, but, unless the dynamite theory is correct, it must have been due either to failure of the foundations under the weight, or to faulty construction and insufficient binding together of the wall. The debris will have to be most carefully removed until thoroughly firm ground is reached, the adjacent parts of the revetment still standing, and which have been shaken by the fall, will have to be pulled down, and the revetment rebuilt, under constant supervision, with the courses breaking joint as much as possible, to bind it together, and the larger stones used in the foundations and lower courses and laid in mortar for a height of 5′ with weep holes. As the existence of the road depends upon the stability of the revetments, too great care cannot be employed in constructing them, especially to see that they are founded on solid ground, and tied together as much as possible, by the stones breaking joint right through the wall.

January 11.

10. *Road $7\frac{1}{2}$ to 17 miles.*—Beyond Attikatti ($7\frac{1}{2}$ miles) the road is in progress to the 17th mile, the total distance hitherto traced and adopted being 21 miles. I inspected it up to 13th mile. A good deal of revetment has been done in the lower portion of this length and of earthwork in the upper portion.

The work has, in fact, progressed most satisfactorily during the last year, and reflects the greatest credit on the Engineering staff, Messrs. Wood (Executive Engineer), Lutman and Brodie (Assistant Engineers) and Subrahmanya Iyer (Supervisor) and other subordinates, and on the contractors, Messrs. Mitchell and Mackenzie. It is very unfortunate that the withdrawal, as a precaution against famine expenditure, of the grant of Rs. 50,000 already given should endanger the further rapid progress of the work. The alignment of the road up these precipitous hills has presented a succession of difficulties, all of which have been successfully overcome. The road is an excellent example of a typical Indian ghât road and I think a series of photographs of it should be taken at Government expense.

I hope we shall be able to give a grant for it for 1900–901, which will enable it and the extension still to be decided upon to be practically completed by the end of next official year.

11. *Water-supply.*—The water-supply, without which it will be impossible either to make or maintain the road, is a matter of some difficulty, the sources thereof being few and the flow scanty.

I gave instructions for the construction of a small reservoir on the Attikatti river, ½ a mile above Attikatti camp, to hold about 25,000 gallons, from which a 2″ pipe may be led to the road side drain. An attempt should also be made to pipe water from Upper Punachi.

12. *Extension of road.*—With regard to the extension of the road through the planting districts, whose fringe it now only touches at 21st mile, I have sent maps of the country to be traversed to the Collector, Conservator of Forests, and various planting gentlemen who know the country and its requirements and are interested in its development, and asked them to mark thereon the line they suggest for the extension. Most of the replies have been received, and Messrs. Wood and Mackenzie have been over the greater portion of the country and selected two alternative routes.

I propose inspecting these in February and submitting proposals for the extension for the orders of Government as soon as possible thereafter, so that, if sanction is given, advantage may be taken of the working season before the monsoon to commence work.

(Signed) W. B. DEWINTON,
Chief Engineer.

17th January 1900.

ORDER—No. 126 W., dated 22nd January 1900.

Recorded.

2. His Excellency the Governor in Council has read the foregoing notes with sincere satisfaction, and is pleased to note the good work done by the officers and subordinates concerned.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, IV Circle.
" Revenue Department.
" Local and Municipal Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.

PUBLIC WORKS.

Recd. } 1900.
Regd.

Enclosures

Spare copies

G.O., No. 127 W., 22nd January 1900.

JANUARY.

Combined Post and Telegraph office at Narasapatnam

Letter from the Director-General of Telegraphs stating that a —, Vizagapatam district, was opened on the 31st December 1899, communicated to the Judicial Department and the Superintending Engineer, I Circle.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From C. E. PITMAN, Esq., Director-General of Telegraphs, to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 13th January 1900, No. 9350.

In continuation of my letter No. 10715, dated the 21st of February 1899, I have the honour to inform you that a combined Post and Telegraph office was opened at Narasapatnam on the 31st December 1899.

ORDER—No. 127 W., dated 22nd January 1900.

Communicated to the Judicial Department and the Superintending Engineer, I Circle, in continuation of G.O., No. 657 W., dated 3rd March 1899.

(True Extract.)

(Signed) W. B. DE WINTON,
Secretary to Government.

To the Judicial Department.
" Superintending Engineer, I Circle.
" Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

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G.O., No. 136 W., 22nd January 1900.

JANUARY.

Residence for the Superintending Engineer, I Circle, at Waltair

The estimate, amounting to Rs. 16,000, for constructing a —, Vizagapatam district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From W. C. DEMORGAN, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Waltair, 6th December 1899, No. 1536 V.Z.

With reference to G.O., No. 2098 W., dated 9th August 1899, I have the honour to forward a revised estimate for constructing a residence for the Superintending Engineer at Waltair with stables and out-houses amounting to Rs. 16,000.

2. In G.O., No. 2150, W., dated 24th July 1896, the Government of India sanctioned the construction of a residence for the Executive Engineer, Vizagapatam Division, at a cost of Rs. 11,000.

3. The design was not considered suitable, and a revised plan and estimate amounting to Rs. 13,595 were prepared by the Consulting Architect, and the work was put in hand.

4. It was then pointed out in my letter No. 553 G.L., dated 20th June 1899, that the Superintending Engineer was far more in need of a residence than the Executive Engineer, and proposed that the Consulting Architect's design should, with certain modifications, be adopted for the Superintending Engineer's residence, and a revised estimate prepared. This proposal was approved by Government, and the estimate now submitted is the result.

5. The alterations in the main building are few and trifling. Mangalore tiles on Naoroji's ceiling tiles have been substituted for Mangalore tiles on ordinary flat tiles; the cost will be the same, and the result more satisfactory in every way, particularly having regard to the very bad class of flat tiles procurable in Waltair.

6. The principal alteration is in the stables and out-houses. In the Consulting Architect's estimate, these are partly designed of rubble-in-clay. There are several examples of such structures in Waltair, and none have proved satisfactory. All require frequent repair, and in one case there was total collapse. It is more economical in the end, and most necessary having regard to the exposed site on which the house is built, to start by making everything pakka.

7. The size of the stalls in the stables has been increased, those originally designed being too small for Australian horses, and one stall has been added raising the number to 4.

8. A kitchen is designed separate from the servants' godowns. Such an arrangement is always desirable. The servants' godowns have been increased, and are designed pakka.

9. The main building is approaching completion; and the stables and godowns have been commenced. The whole should be completed within the official year.

ORDER—No. 136 W., dated 22nd January 1900.

The estimate, amounting to Rs. 16,000, for constructing a residence for the Superintending Engineer at Waltair is sanctioned.

2. There is a provision of Rs. 8,150 for the work in the current year's Provincial Civil Works budget.

3. This sanction has been registered as Provincial No. 122 W. of 1899-1900, and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, I Circle, with plans and estimate.
" Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 146 W., 23rd January 1900.

JANUARY.

Road from Kontaipalli to Surada, Ganjam District

Sanctioning the estimate, amounting to Rs. 97,000, for constructing a — under "33. Famine relief", and directing the inclusion of the work in the programme of future famine-relief works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

G.O., Mis. No. 4968, Revenue, dated 21st September 1897.

Read—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), Mis. No. 7150, dated 2nd September 1897 :—

Read—the following letter from the Collector of Ganjám, dated 22nd August 1897, R.C. No. 2860 F.

I have the honour to submit, herewith, an estimate for Rs. 47,700 and plans received from the Superintending Engineer, I Circle, for the construction of a road from Kontaipalli to Surada—*vide* item 1 under new road works on page 8 of the printed programme of famine-relief works in this district.

2. At present there is no direct road from Russellkonda, the head-quarters of the Goomsur Divisional officer and Tahsildar, to Surada, the head-quarters of Deputy Tahsildar, the distance between the two places being 19 miles, and carts from Russellkonda have to go to Aska and thence to Surada a distance of 46 miles, for six months in the year. The proposed road starts from Kontaipalli (on Aska-Russellkonda road) which is at a distance of 4½ miles from the Russellkonda toll-gate and goes straight to Surada which is about 14 miles from Kontaipalli and 19 miles from Russellkonda, thereby shortening the distance between Russellkonda and Surada by about 27 miles.

3. This road was first proposed by the Honourable Mr. Garstin in 1888 in paragraph 31 of his report embodied in Board's Proceedings, No. 730, dated 21st December 1888; and the Government was pleased to authorize the Collector in paragraph 5 of G.O., No. 860, Revenue, dated 12th December 1888, to select it in case of necessity—*vide* Board's Proceedings, No. 730 (Revenue Settlement), dated 21st December 1888. But Mr. Horsfall's proposal to start the road as a famine-relief work was negatived by the Government in paragraph 5 of G.O., No. 603, Revenue, dated 19th July 1889.

4. The road is no doubt a very useful one, but funds cannot be spared from Local Funds for its construction. I therefore request that the Government may be requested to sanction the estimate under "33. Famine Relief". It will not be necessary to open it for the current year so far as can be foreseen, but when the Surada reservoir work is completed, there will be no possible alternative work of any magnitude available in that part of the Goomsur division, should it be visited by famine in future. It must be treated as a Provincial and not as a Local Fund work.

Resolution—Mis. No. 7150, dated 2nd September 1897.

Submitted to Government. The Famine Commissioner supports the Collector's request.

Order—Mis. No. 4968, Revenue, dated 21st September 1897.

Transferred to the Public Works Department, with the remark that the work may be sanctioned and included in the programme of future relief works.

(True Extract.)

(Signed) G. STOKES,
Secretary to Government.

From W. C. DEMORGAN, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Cocanada, 21st October 1899, No. 1078 G.N.

Adverting to your memo. No. 807 C, dated 10th February 1898, I have the honour to submit, herewith, for sanction of Government, plans and estimates, amounting to Rs. 97,000, as detailed in the margin for constructing a road from Kontaipalli to Surada a distance of about 13 miles in the Ganjám division.

	RS.
Earthwork for forming road ...	35,400
Metalling and gravelling the road ...	23,600
Constructing five masonry bridges ...	21,000
Constructing 28 masonry culverts ...	12,230
Constructing 17 masonry road dams.	750
Land compensation	4,020

2. The road is made 18′ wide with 12′ metalling and gravelling throughout.

3. Provision for masonry works for cross drainages, etc., has now been made in the estimate.

4. Details are given for the following items as desired by you:—

(1) Land compensation. | (2) Clearing of jungle. | (3) Demarcation stones.

5. The necessity of the work is explained in the report accompanying the estimates.

Note by the Chief Engineer, Public Works Department.

The estimate for constructing a road from Kontaipalli to Surada is recommended for sanction, with the following remark:—

As the work is intended for famine relief, it will be necessary to cut down masonry works as much as possible. To effect this, the larger bridges may be retained and road dams provided instead of culverts, wherever the levels will admit of this being done.

12th December 1899.

(Signed) W. B. DEWINTON,
Chief Engineer.

ORDER—No. 146 W., dated 23rd January 1900.

The estimate, amounting to Rs. 97,000, for constructing a road from Kontaipalli to Surada in the Ganjám district, is sanctioned under "33. Famine relief." The work should be included in the programme of future famine-relief works.

2. Attention is drawn to the Chief Engineer's note read above.

3. This sanction has been registered as 33. Famine relief—Provincial, No. 16 W. of 1899–1900, and classified as Communications—Original works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, I Circle, with 37 enclosures and two books of plans.
" Examiner, Public Works Accounts.
" Local and Municipal Department.
" Revenue Department.

GENERAL.
ESTABLISHMENT.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.
}1900.
Regd.

Enclosures

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G.O., No. 176 W., 25th January 1900.

JANUARY.

Temporary Upper Subordinates

Promoting Temporary Upper Subordinate C. N. Subrahmanya Aiyar to Supervisor on Rs. 150 per mensem, and sanctioning certain increases of pay to this subordinate and to R. Annadurai Aiyangar, so long as they are respectively employed on the Anamalai Hills and at Kollegal.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From the Superintending Engineer, IV Circle, dated 16th May 1899, No. 272 W.
" " " IV " " 15th July " " 403 W.
G.O., Nos. 2244–45 W., dated 24th August 1899.

From G. H. D. WALKER, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 22nd September 1899, No. 1460 G.

In reply to your letter No. 2245 W., dated 24th August 1899, I am directed to state that the Government of India regret they are unable to sanction the proposal, submitted therewith, for the grant of local allowances to members of the temporary Upper Subordinate Establishment, Madras, stationed in the Anamalai Hills, because to grant allowances of this nature in addition to the pay of such employés is contrary to the rules and to the principles adopted in regulating the salaries of temporary servants for many years past; and it is considered undesirable to make any exceptions to that practice. I am, however, to invite attention to Government of India letter No. 1472 G. of 17th May 1892, and to point out that it is in the power of the Madras Government to temporarily increase the pay of temporary officers while employed on those hills without revising the scales for temporary establishment.

ORDER—No. 176 W., dated 25th January 1900.

Temporary Upper Subordinate C. N. Subrahmanya Aiyar will be promoted to Supervisor on Rs. 150 per mensem on the temporary Upper Subordinate Establishment, and while employed on the Anamalai Hills his pay will be raised * to Rs. 210 per mensem.

2. The pay of Temporary Upper Subordinate R. Annadurai Aiyangar will be raised * to Rs. 85 while he is employed at Kollegal.

* Sanction registered as Provincial No. 83 W. of 1899–1900, and classified as Establishment—Temporary.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

Government {1900} of Madras.

PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 184 W., 26th January 1900.

JANUARY.

Inspection Report

Orders on the — on the accounts of the Trichinopoly division, submitted by the Examiner, Public Works Accounts.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper:—

Office-note from the Examiner, Public Works Accounts, dated Madras, 19th December 1899, No. 1409 A./A.

I submit for the information of Government an extract from a report by Mr. W. Courtenay, Assistant Examiner, of an inspection made by him of the office of the Executive Engineer, Trichinopoly division. I solicit the orders of Government in column 6 of the enclosed statement.

2. The office is reported to be in good order.

ORDER—No. 184 W., dated 26th January 1900.

With his office-note recorded above, the Examiner, Public Works Accounts submits those items in the report of inspection of the accounts of the Trichinopoly division which require the orders of Government. These orders have been entered in the statement printed as an appendix to these Proceedings. The Superintending Engineer, VI Circle, will see that necessary action is taken on these orders.

(True Extract.)

(Signed) W. B. DE WINTON,
Secretary to Government.

To the Superintending Engineer, VI Circle.
,, other Superintending Engineers.
,, the Consulting Architect to Government.
,, the Superintendent of Works, Lighthouse Division.
,, the Examiner, Public Works Accounts.

Appendix to G.O., No. 184 W., dated 26th January 1900.

RESULT of Inspection by Mr. W. COURTENAY, Assistant Examiner, Public Works Accounts, of the Office of the Executive Engineer, Trichinopoly Division, VI Circle, at Trichinopoly, from 4th to 7th December 1899.

Serial No.	Irregularity or defect brought to notice.	Paragraph of report.	Relative Code rule or order.	Examiner's remarks.	Orders of Government.
1	2	3	4	5	6
	Measurement Books.				
1	Sufficient attention is not paid to the rules regarding measurement books. There is nothing to show that the check prescribed by G.O., No. 1613 W., dated 1st July 1895, is performed on the return of books to the Divisional office.	2	Code, II, I, 31, *et seq.*	1. The attention of the Executive Engineer might be invited to the Government Order quoted.	*Item* 1.—The attention of the Executive Engineer will be drawn to the provisions of the Government Order quoted; all measurement books returned to the Divisional office should be checked in the manner prescribed therein.
2	In nearly all cases, entries are made in pencil. This is not prohibited, but ink should be used whenever possible—*Vide* Code, II, I, 35. But if ink entries are usually impracticable, I would suggest that Government provide subordinates with indelible pencils for this purpose.	..	....	2. The suggestion of the Inspecting Officer is not a bad one; it is just possible that it would be an advantage to have measurements so recorded, except in wet weather.	*Item* 2.—The instructions contained in Code, II, I, 35, should be adhered to. There is no objection to the use of an indelible pencil if the officer taking the measurements possesses one.
3	Ten (10) measurement books issued in 1895 and 1896 have not yet been returned to the Divisional office. Attention is invited to Code, II, I, 38.	..	....	3. The prompt return of these as of any other completed books should be insisted upon.	*Items* 3 *and* 4.—The Executive Engineer will see that all completed measurement books are returned to the Divisional office without delay and that the irregularities noticed in item 4 are set right and are not allowed to recur.
4	The following are a few of the irregularities noticed in the inspection of measurement books:— Book 3440—C. Therumalacharry, Temporary Upper Subordinate. A measurement made on the 11th November 1898 occurs after one made on the 14th of the same month, which seems to show that rule 9 of the instructions printed on the fly-leaf of the books has not been observed. In some cases, the "Contents or area" is not inked in. Book 2337—Sergeant C. H. Briant, Supervisor, pages 15, 16, 18, 19, 21, 36, 37, 38, 46.—Corrections not initialled.	..	....	4. The Executive Engineer will doubtless remedy the defects brought to notice.	
	Register of Miscellaneous Properties and Receipts for payments to Government.				
5	No register of miscellaneous revenue has been kept in the Divisional office, although attention was drawn to this defect by the Officiating Deputy Examiner at the last inspection. A register has been opened very recently, but it contains only two entries of recoveries.	3	G.O., No. 1316 W., dated 23rd May 1898.	5. It is necessary that the Register of Miscellaneous Properties should be maintained up to date, if it is to serve the purpose for which it has been prescribed.	*Item* 5.—The register must be more carefully maintained in future.

Result of Inspection by Mr. W. COURTENAY, Assistant Examiner, Public Works Accounts, of the Office of the Executive Engineer, Trichinopoly Division, etc.—*cont.*

Serial No.	Irregularity or defect brought to notice.	Paragraph of report.	Relative Code rule or order.	Examiner's remarks.	Orders of Government.
1	2	3	4	5	6
	Register of Miscellaneous Properties and Receipts for payments to Government—cont.				
6	As in many other divisions, the form of receipt for payments to Government (Form 20 E) is not systematically used as directed in Code, II, I, 50. In the North Sub-division office, the form is not even kept, and subordinates are said to give manuscript receipts, which is very irregular. If the register were maintained and kept up to date, and proper receipts granted for *all* monies received, a fairly satisfactory audit of receipts could be made; but at present this is impossible.	..	Code, II, I, 50 to 52.	6. The irregular procedure now in force should be discontinued. Form 20 E should be brought into use, and issued to all officers and subordinates, who receive money and are authorized to grant receipts.	*Items* 6 *and* 7.—The Inspecting officer's and the Examiner's remarks should receive careful attention.
	Register of Buildings.				
7	A register of buildings should be maintained in P.W.D. Form 136. This is not done at present, and there is only a "Return of Civil Buildings" corrected up to January 1899.	4	Code, I, VII, 73 ..	7. There should be no difficulty in maintaining the register of buildings in the prescribed form. (Signed) H. RAINIER, Offg. Exr., P.W. Accts., Madras and Coorg.	(True Extract.) (Sd.) W. B. DEWINTON, Secretary to Govt.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 185 W., 26th January 1900.

JANUARY.

Residence for the Head Assistant Collector at Ramnad, Madura District

Ordered that the sanction of the Government of India be applied for to the supplemental estimate of Rs. 1,270 for constructing a — with out-houses.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From Lieutenant-Colonel O. V. BODDY, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 2nd October 1899, No. 1493 M.D.

I have the honour to forward herewith a supplemental estimate, amounting to Rs. 1,270, for constructing a residence for the Head Assistant Collector at Ramnad.

2. In the original estimate were the following lump sum provisions :—

	RS.
Hedge and gate	150
Forming new roads	350
Well	150

3. It was reported that hedges wherever necessary had been put up. There is now found that a length of 495 feet of new hedging is required, and the old hedges require making up. The cost of this is estimated to be Rs. 36. Gates to the compound have not been put up Provision is now made for doing so at a cost of Rs. 93. Roads were formed from the lump sum of Rs. 350 in the original estimate, but were not metalled or gravelled on account of the difficulty in procuring material. The estimate now provides for metalling these roads with broken coral stones and sand blinding at a cost of Rs. 696.

4. A new well is not required, but the existing well is proposed to be cleaned and repaired at a cost of Rs. 50.

5. The sanctioned estimate has been completed with an excess of Rs. 307. This amount is therefore included in the supplemental estimate.

From the Examiner, Public Works Accounts, dated 3rd November 1899, No. 3607 B/A.

ORDER—No. 185 W., dated 26th January 1900.

Ordered that the sanction of the Government of India be applied for to the supplemental estimate of Rs. 1,270 for constructing a residence with out-houses for the Head Assistant Collector at Ramnad in the Madura district.

[Here enter No. 186 W., dated 26th January 1900.]

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, VI Circle, with five enclosures.
,, Examiner, Public Works Accounts.
,, Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

Letter, No. 186 W., 26th January 1900.

JANUARY.

Residence for the Head Assistant Collector at Ramnad, Madura District

Requesting sanction to the supplemental estimate of Rs. 1,270 for constructing a —, with out-houses.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

LETTER—from

W. B. DEWINTON, ESQ.,

Secretary to the Government of Madras,

Public Works Department,

To

THE JOINT SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

SIR,

Adverting to the correspondence ending with your letter, No. 215 B., dated 24th June 1895, conveying the sanction of the Government of India to the construction of a residence for the Head Assistant Collector at Ramnad at a total capital cost, not exceeding Rs. 13,679, inclusive of percentage charges and value of site, I am directed to state that the work was completed with an excess outlay of Rs. 307 over the sanctioned estimate of Rs. 11,890,* and to request sanction to a supplemental estimate of Rs. 1,270, as shown below, which includes the excess of Rs. 307 :—

* Exclusive of percentage charges and value of site.

	RS.
1. Hedges	36
2. Gates	93
3. Roads	696
4. Cleaning, &c., to existing old well	50
5. Contingencies	44
6. Supervision	44
7. Excess over the sanctioned estimate of Rs. 11,890	307
Total ...	1,270

2. The original estimate contained the lump sum provisions noted in the margin †. Besides the hedges already put up, it is now found that a length of 495 feet of hedging is required and that the old hedges require making up. The cost of this work is estimated at Rs. 36. Gates to the compound have not been put up. Provision has now been made for the purpose at a cost of Rs. 93. Roads were formed from the provision of Rs. 350 in the original estimate, but were not metalled or gravelled on account of the difficulty in procuring the materials. The supplemental estimate provides for metalling the roads at a cost of Rs. 696. The provision of Rs. 150 for a well in the original estimate has not been utilised for that purpose. It is now proposed to repair an existing old well which is estimated to cost Rs. 50. All the works proposed are necessary to make the residence habitable.

	RS.
† Hedge and gate	150
Forming new roads	350
Well	150

3. The normal rent on the capital cost of the residence will now amount to about Rs. 88 per mensem as shown below :—

	RS.
(a) Estimated cost of construction (Rs. 11,290 + Rs. 1,270) or ...	12,560
(b) 10% for establishment and tools and plant	1,256
(c) Cost of site	600
(d) Total capital cost	14,416
(e) 4% on (d) for interest	576·64
(f) 3% on (d) for repairs	432·48
(g) 10% on (f) for establishment and tools and plant	43·24
Annual rent ...	1,052·36
Monthly rent ...	87·7

This rent is in excess of the limit of 10% of salary which can be levied under rule II, paragraph 28, chapter X, volume I of the Code.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) W. B. DEWINTON,
Secretary to Government.

MADRAS,
26th January 1900.

GENERAL.
ESTABLISHMENT.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*
Regd. *Spare copies*

G.O., No. 187 W., 26th January 1900.

JANUARY.

Temporary Appointments and Deputations

Endorsement from the Government of India forwarding copy of their letter regarding the omission of certain classes of cases from the half-yearly statements of —, communicated to the Examiner, Public Works Accounts.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper :—

From G. H. D. WALKER, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 28th December 1899, No. 2010 G.

The undermentioned paper is forwarded to the Local Governments and Administrations noted in the margin, for information, in continuation of Public Works Department No. 1226 G., dated 10th May 1897.

The Governments of Madras and Bombay, Public Works Department, General and Railway Branches.
The Governments of Bengal, the North-Western Provinces and Oudh, and the Punjab, Public Works Department.
The Government of Burma, Public Works Department, General and Railway Branches.
The Chief Commissioners of the Central Provinces, Assam and Coorg.
The Resident at Hyderabad.
The Agents to the Governor-General for Rajputana, Central India and Baluchistan.

Also to the Accountant-General, Public Works Department, and the Director-General of Telegraphs, with reference to Public Works Department No. 1995 G., dated 22nd December 1899.

ENCLOSURE.

From H. J. McINTOSH, Esq., Officiating Deputy Secretary to the Government of India, Finance and Commerce Department (Salaries, Establishments, &c.—Periodical Returns), to the Comptroller and Auditor General and all Accountants-General and Comptrollers, dated Calcutta, 7th December 1899, No. 5557 E.

In continuation of the letter from this department, No. 1841 Ex., dated the 23rd April 1897, I am directed to say that the following classes of cases should not in future be entered in the half-yearly statements of temporary appointments and deputations sanctioned by Local Governments under article 95 (*b*), and by the Government of India under article 96 (*b*) of the Civil Service Regulations :—

(*a*) Cases in which the salary of the officer is not more than Rs. 250 a month.

(*b*) Cases in which the temporary appointment or deputation has been sanctioned by the Secretary of State.

(*c*) Cases to which article 97 of the Civil Service Regulations becomes applicable owing to the period of the temporary appointment or deputation exceeding a year.

2. I am to add that in cases (*c*), as soon as the period of the special employment exceeds a year, the fact that its further continuance requires the sanction of the Secretary of State should be brought by you to the notice of the Local Government or the department of the Government of India under whom the officer may be employed at the time.

Copy forwarded to the Military and Public Works Departments, in continuation of No. 1841 Ex., dated the 23rd April 1897, for the issue of necessary orders to the Audit officers subordinate to those departments.

(By Order.)

(Signed) H. J. McINTOSH,
Offg. Dy. Secy. to the Govt. of India.

ORDER—No. 187 W., dated 26th January 1900.

Communicated, in continuation of G.O., No. 1532 W., dated 4th June 1897, to the Examiner, Public Works Accounts, for information and guidance.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.

GENERAL.
ACCOUNTS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 188 W., 26th January 1900.

JANUARY.

India Rubber

Proceedings, Financial Department, approving the proposal of the Superintendent of Stationery that — should be issued once in two years and stating that the certificate required by the Stationery rules as to its fair wear and tear, is not necessary as regards this article, communicated to the officers of the department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

G.O., No. 23, Financial, dated 12th January 1900.

Read—the following paper :—

From the Superintendent of Stationery, Madras, dated 30th December 1899, Ref. No. 7180.

In accordance with Appendix E to the Stationery Rules one piece of Indian rubber or white (vulcanized) rubber is issued to each officer or clerk per annum. This appears to be excessive. To the Military Department, Station hospitals, etc., this article is supplied only when the indent is accompanied by a certificate to the effect that the previous supply has been expended. I have consulted the officers noted in the margin with the result that no less than ten of them agree with me in thinking that it is quite sufficient to issue the article once in two years. Some consider that once in three years would do. I have therefore the honour to request that you will be so good as to obtain the sanction of Government to include rubber in Appendix E to the Stationery Rules among articles of periodical supply and to fix its life at two years subject to a certificate that it has been expended by fair wear and tear.

1. Inspector-General of Registration.
2. Postmaster-General.
3. Secretary, Board of Revenue (Land Rev).
4. ,, ,, ,, (Sept. Rev).
5. Director of Public Instruction.
6. Inspector-General of Police.
7. Superintendent, Government Press.
8. Secretary, Board of Revenue (Rev. Set).
9. Inspector-General of Prisons.
10. Registrar, High Court.
11. Accountant-General.

Order—No. 23, Financial, dated 12th January 1900.

The Government approves of the proposal of the Superintendent of Stationery that India rubber should be issued once in two years, but does not consider it necessary that the certificate prescribed in rule 20 of the Stationery Rules should be required as regards this article.

2. The Superintendent of Stationery will carry out the necessary alteration in the revised edition of the Stationery Rules now under issue.

(True Extract.)

(Signed) R. W. D'E. ASHE,
for Chief Secretary.

ORDER—No. 188 W., dated 26th January 1900.

Communicated to the officers of the Department for information and guidance.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To Superintending Engineers.
,, the Consulting Architect to Government.
,, the Superintendent of Works, Lighthouse Division.
,, the Examiner, Public Works Accounts.
,, the Chief Engineer for Irrigation.
,, the Consulting Engineer for Railways.
,, the Examiner, Railway Accounts.

GENERAL
ESTABLISHMENT.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 194 W., 26th January 1900.

JANUARY.

Messing Allowance

Certain correspondence on the subject of the grant to non-commissioned officers and soldiers of the British Army in India of a —, under the new rules, communicated to officers of the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :--

From the Deputy Adjutant-General, Madras Command, dated 28th December 1899, No. A./B.T. 18855.

From the Deputy Adjutant-General, Madras Command, dated 16th January 1900, No. B.T. 513.

From G. H. D. WALKER, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 15th January 1900, Circular No. 1 P.W.

[Messing allowance may be given with arrears, from 1st June 1898, to all soldiers who elected the rules on or before 31st March 1899.]

The Governments of Madras and Bombay, Public Works Department, General and Railway Branches.
The Governments of Bengal, the North-Western Provinces and Oudh, and the Panjab, Public Works Department.
The Government of Burma, Public Works Department, General and Railway Branches.
The Chief Commissioners of the Central Provinces, Assam and Coorg.
The Resident at Hyderabad.
The Agents to the Governor-General for Rajputana, Central India and Baluchistan.
The Accountant-General, Public Works Department.
The Director-General of Military Works.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow and Assam.
The Director-General of Telegraphs.
The Managers, North-Western, Oudh and Rohilkhand, East Coast and Eastern Bengal State Railways.
The Engineers-in-Chief, Hardwar-Dehra, Ludhiana-Dhuri-Jakhal, and Ghaziabad-Moradabad Railways.
The Engineers-in-Chief, Gódávari and Indus Bridge Works.
The Engineers-in-Chief, Allahabad-Fyzabad, Khandwa-Akola-Basim and Bara-Ajmere-Marwar Railway Surveys.
The Port Storekeeper, State Railway Department, Calcutta.

The following is forwarded to the Local Governments, Administrations and officers noted in the margin for information and guidance, in continuation of Circular No. 19 P.W., dated 20th November 1899.

ENCLOSURE.

Clause 166, *India Army Circulars, dated* 1*st December* 1899.

Grant to European non-commissioned officers and men of the British Army in India of a messing allowance.

With reference to clause 120, India Army Circulars of 1st September 1899, it is notified that, with the approval of the Right Honourable the Secretary of State for India, the Government of India have decided that all soldiers who elected the new messing allowance rules on or before the 31st March 1899, shall be granted the allowance with arrears from 1st June 1898, provided they are otherwise eligible.

ORDER—No. 194 W., dated 26th January 1900.

Communicated to officers of the Public Works Department for information and guidance.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Chief Engineer for Irrigation.
" all Superintending Engineers.
" the Consulting Architect to Government.
" the Superintendent of Works, Lighthouse Division.
" the Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 197 W., 29th January 1900.

JANUARY.

Quarters for the Officer in Charge of the Veterinary Hospital at Saidapet, Chingleput District

Letter from the Government of India sanctioning an expenditure of Rs. 2,900 on the construction of —, communicated to the officers concerned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From O. C. LEES, Esq., Under Secretary to the Government of India, Public Works Department (Civil Works—Buildings), to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 16th January 1900, No. 83 C.W.B.

In reply to your letter No. 3274 W., dated the 15th December 1899, I am directed to say that, under the circumstances explained, the Government of India sanction an expenditure from Provincial funds of Rs. 2,900 on the construction of quarters for the officer in charge of the Veterinary hospital at Saidapet, Chingleput district.

2. The plans received with your letter are returned herewith.

ORDER—No. 197 W., dated 29th January 1900.

Communicated to the officers concerned with reference to G.O., No. 3273 W., dated 15th December 1899.

2. The sanction accorded by the Government of India has been registered as Provincial No. 123 W. of 1899-1900, and classified as Civil Buildings—Original works.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Consulting Architect to Government, with two plans.
" Examiner, Public Works Accounts.
" Educational Department.

GENERAL.
ESTABLISHMENT.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 211 W., 31st January 1900.

JANUARY.

Officers on Furlough visiting Engineering Works at Public Expense

Resolution from the Government of India laying down certain general rules regarding —, communicated to officers of the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following paper:—

From G. H. D. WALKER, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 9th January 1900, No. 51 G.

[Officers on furlough visiting engineering works at public expense.]

Read—

Public Works Department Circular No. 52, dated 24th September 1873, publishing the rules under which officers of the Public Works Department, while on furlough, are permitted to visit engineering works in the United Kingdom at the public expense.

Public Works Department Circular letter No. 659 G., dated 6th March 1891, regarding the extension of the facilities offered by the rules referred to above.

Read also—

Despatch to Secretary of State, No. 25 P.W., dated 24th August 1899, and the reply from Secretary of State thereto, No. 45 P.W., dated 19th October 1899.

The Government of India, in consultation with the Secretary of State, have had under consideration the following questions:—

The scope of the rules of 1873 referred to above, that is to say, the classes of officers to whom they might be considered applicable.

The more frequent application of more liberal terms, under the Circular order of 1891, to specially selected officers, in consequence of the modification in the rules relating to the practical course at the Royal Indian Engineering College under the orders of Public Works Department Resolution No. 2352 G., dated 1st September 1897.

The procedure to be followed by officers desirous of visiting engineering works in the United Kingdom under the rules referred to.

Resolution.—The Governor-General in Council is, with the approval of Her Majesty's Secretary of State for India, pleased to lay down the following general rules for guidance:—

I. That the rules of 1873 are, as a rule, applicable only to junior officers; but applications from senior officers will, in special cases, be considered on their merits. In either case it is to be understood that no officer is entitled to claim any such privilege as a matter of right.

II. That each application for greater facilities for studying engineering works during furlough than are afforded by the rules of 1873 will continue, as has been the case since 1891, to be considered on its merits.

III. That, in the case of officers whose service does not exceed twelve years, applications to visit engineering works in the United Kingdom, under the rules of 1873, shall be made direct by the officers themselves to the Secretary of State who will deal with them. In all other cases, whether relating to officers of more than twelve years' service who desire the benefit of the rules of 1873, or to officers who desire greater facilities than are obtainable under those rules (*vide* Rule II), the applications shall be submitted, through the Local Government, under which the officer may be serving, to the Government of India, supported by a recommendation from the Local Government, showing the object which it is proposed to secure by allowing assistance from the public purse to the officer applying, and the extent of the assistance which it is desired should be given to him.

The Governments of Madras and Bombay, P.W. Dept., General and Ry. Branches.
The Governments of Bengal, the North-Western Provinces and Oudh, and the Punjab, Public Works Department.
The Government of Burma, Public Works Dept., General and Railway Branches.
The Chief Commissioners of the Central Provinces, Assam and Coorg.
The Resident at Hyderabad.
The Agents to the Governor-General for Rajputana, Central India and Baluchistan.
The Accountant-General, Public Works Department.
The Consulting Engrs. to the Govt. of India for Rys., Calcutta, Lucknow and Assam.
The Managers, North-Western, Oudh and Rohilkhand, East Coast and Eastern Bengal State Railways.
The Engineers-in-Chief, Hardwar-Dehra, Ludhiana-Dhuri-Jakhal, and Ghaziabad-Moradabad Railways.
The Engineers-in-Chief, Gódávari and Indus Bridge Works.
The Engineers-in-Chief, Allahabad-Fyzabad, Khandwa-Akola-Basim and Bara-Ajmere-Marwar Railway Surveys.
The Port Storekeeper, State Railway Department, Calcutta.

Order.—Ordered, that a copy of this Resolution be forwarded to the Local Governments, Administrations and officers noted in the margin, for information and guidance, and that it be published in the *Gazette of India*.

ORDER—No. 211 W., dated 31st January 1900.

Communicated to officers of the Public Works Department for information and guidance with reference to the undermentioned orders:—

G.O., No. 2267, dated 15th September 1873.
" " 848 " 23rd March 1891.
" " 2766 W., dated 5th October 1897.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Chief Engineer for Irrigation.
" Superintending Engineers.
" the Consulting Architect to Government.
" the Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 212 W., 31st January 1900.

JANUARY.

District Jail at Berhampur, Ganjam District

The estimate, amounting to Rs. 4,110, for improvements to certain blocks in the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From W. C. DeMorgan, Esq., m.i.c.e., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Waltair, 15th December 1899, No. 1294 G.N.

I have the honour to submit the accompanying estimate, amounting to Rs. 4,110, for improvements to blocks Nos. 1, 3 and 5 in the District Jail, Berhampur, and to request that sanction of Government be obtained.

2. The plans and estimates are countersigned by the Inspector-General of Prisons who states that the work is of an urgent nature, and that funds for it will be provided in the Public Works Department with reference to G.O., No. 1635, Judicial, dated 9th October 1899, which cannot be traced in my office.

3. Funds are, however, required to proceed with the work.

Note by the Chief Engineer, Public Works Department.

The estimate, amounting to Rs. 4,110, for improvements to blocks Nos. 1, 3 and 5 in the District Jail at Berhampur, in the Ganjám district, is recommended for sanction with the following remark:—

The position of the cut stone bed plates under purlins, as sketched in detailed estimate is unsuitable, as they may slide. They should be as sketched now in red ink.

17th January 1900. (Signed) W. B. deWinton, Chief Engineer.

Order—No. 212 W., dated 31st January 1900.

The estimate, amounting to Rs. 4,110, for improvements to blocks Nos. 1, 3 and 5 in the District Jail at Berhampur, in the Ganjám division, is sanctioned.

2. No funds being available at present, the requisite provision will be made in the budget estimate for 1900–1901.

3. Attention is drawn to the Chief Engineer's note read above.

4. The sanction accorded in paragraph 1 has been registered as Provincial No. 125 W. of 1899–1900, and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) W. B. deWinton,
Secretary to Government.

To the Superintending Engineer, I Circle, with six enclosures.
„ Examiner, Public Works Accounts.
„ Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*
Regd. } *Spare copies*

G.O., No. 213 W., 31st January 1900.

JANUARY.

Aroorthodu Bridge, Malabar District

The estimate, amounting to Rs. 7,450, for reconstructing the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From A. H. GARRETT, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 6th December 1899, No. 650/W.

I have the honour to submit, herewith, for sanction of Government, the plans and estimate, amounting to Rs. 7,450, for reconstructing the Aroorthodu bridge at 59/1 mile on road No. 6, with steel girders and Horbury's patent arched flooring.

2. The necessity for the work is explained in the accompanying report, and the bridge is of suitable design with ample waterway.

3. A copy of the District Board's resolution sanctioning the estimate, obtained from the President, District Board, Malabar, is also herewith submitted.

Note by the Chief Engineer, Public Works Department.

The estimate for reconstructing the Aroorthodu bridge is recommended for sanction with the following remarks:—

(1) The wings are apparently not designed to suit the slope of the ground. They should be altered to do so and the revetment should have a slope of $1\frac{1}{2}$ to 1.

(2) It should also be considered whether the nature of the foundations is such as to necessitate the use of Portland cement concrete, or whether surki concrete would not answer the purpose.

9th January 1900. (Signed) W. B. deWINTON,
Chief Engineer.

Order—No. 213 W., dated 31st January 1900.

The estimate, amounting to Rs. 7,450, for reconstructing the Aroorthodu bridge with steel girders and Horbury's patent arched flooring at 59/1 mile on road No. 6, in the Malabar district, is sanctioned.

2. Attention is drawn to the Chief Engineer's note read above.

3. The sanction accorded in paragraph 1 has been registered as Local No. 22 W. of 1899–1900, and classified as Communications—Original works.

(True Extract.)

(Signed) W. B. deWINTON,
Secretary to Government.

To the Local and Municipal Department, with 16 enclosures.
,, Superintending Engineer, IV Circle.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.

PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 214 W., 31st January 1900.

JANUARY.

Road to the Ammanabrolu Railway Station, Nellore District

The estimate, amounting to Rs. 11,800, for constructing a — from the Salt factory at Kanuparti, sanctioned, with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From C. M. MULLALY, Esq., President, District Board, Nellore, to the Chief Engineer, Public Works Department (through the Secretary to Government, Local and Municipal Department), dated 2nd November 1899, No. 1699 D.B.

With reference to the accompanying copy of the Revenue Board's Proceedings, No. 4725, dated 23rd October 1899, I have the honour to forward, herewith, an estimate (with plan sent separately) amounting to Rs. 11,800 for constructing a road from Kanuparti factory to the Ammanabrolu railway station for sanction of Government under article 412 of the Local Fund Code. The estimate has been checked and countersigned by the Superintending Engineer, II Circle (*vide* copy of his letter No. 143 M., dated 8th March 1899).

Enclosures.

Proceedings of the Board of Revenue (Separate Revenue), Mis. No. 4725, dated 23rd Oct. 1899.

Read letter from C. M. MULLALY, Esq., President, District Board, Nellore, No. 1543 D.B., dated 30th September 1899, submitting a copy of the District Board's resolution regarding the contribution for constructing the feeder road from Kanuparti to Ammanabrolu.

Resolution—Mis. No. 4725, dated 23rd October 1899.

Under the orders of the Government of India communicated with G.O., Mis. No. 411, dated 26th January 1898, the Board begs to request that Government will be pleased to sanction the payment of a contribution of Rs. 5,900 from the Provincial Civil Works budget towards the construction of a road from the Kanuparti factory to the Ammanabrolu station on the East Coast Railway.

2. This request is made at the instance of the Nellore District Board, which proposes to construct a road joining the two places at a cost of Rs. 11,800 and maintain it by means of a toll. As the road will serve very largely for salt traffic, it is of opinion that half the cost of construction should be borne by the Salt Department—an opinion in which the Commissioner concurs. The present means of communication with the railway are deplorable, and traffic is nearly at a standstill in the rains. Issues from the factory have been rapidly developing since regular sales were commenced, and the factory is well worth the expenditure of the sum asked for on communications.

(True Extract.)

(Signed) C. G. TODHUNTER,
Acting Secretary.

From J. HANNAN, Esq., Superintending Engineer, II Circle, to the President, District Board, Nellore, dated Musulipatam, 8th March 1899, No. 143 M.

I have the honour to return herewith, duly scrutinized, the estimate, amounting to Rs. 11,800, for the construction of a feeder road from Kanuparti to Ammanabrolu in the Nellore district, received with your letter No. 2272 D.B. of 7th January 1899.

2. Please countersign the estimate, &c., when re-submitting them for sanction of Government.

No. 1269, Local and Municipal.

Forwarded.

(By order.)

20th November 1899. (Signed) R. W. D'E. ASHE,
Ag. Assistant Secretary.

Proceedings of the Board of Revenue (Sep. Rev.), Mis. No. 4725, dated 23rd Oct. 1899.
Endorsement thereon in the Revenue Department, „ „ 4262 „ 6th Dec. „

ORDER—No. 214 W., dated 31st January 1900.

The estimate, amounting to Rs. 11,800, for constructing a road from the Salt factory at Kanuparti to the Ammanabrolu railway station in the Nellore district, is sanctioned.

2. His Excellency the Governor in Council accepts the opinion of the Board of Revenue that half the cost of constructing this road should be borne by Government. Orders will be passed in the Local and Municipal Department as to the source from which the required contribution of Rs. 5,900 is to be met.

3. The sanction accorded in paragraph 1 of these Proceedings has been registered as Local No. 23 W. of 1899–1900.

(True Extract.)

(Signed) W. B. DEWINTON,
Secretary to Government.

To the Superintending Engineer, II Circle.
„ Local and Municipal Department, with enclosures.
„ Revenue Department.

GENERAL.
ACCOUNT.

Government {1900} of Madras.
PUBLIC WORKS.

Recd. } 1900. *Enclosures*

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G.O., No. 215 W., 31st January 1900.

JANUARY.

Inspection Report

Orders on the — on the accounts of the Madura division, submitted by the Examiner, Public Works Accounts.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

Office-note from the Examiner, Public Works Accounts, dated Madras, 12th January 1900, No. 17 A./A.

I submit for the information of Government an extract from a report by Mr. W. Courtenay, Assistant Examiner, of an inspection made by him of the office of the Executive Engineer, Madura division. I solicit the orders of Government in column 6 of the enclosed statement. The state of the office is fairly good.

Order—No. 215 W., dated 31st January 1900.

With his office-note above recorded, the Examiner submits those items in the report of inspection of the accounts of the Madura division which require the orders of Government. These orders have been entered in the statement printed as an appendix to these Proceedings. The Superintending Engineer, VI Circle, will take the necessary action on these orders.

(True Extract.)

(Signed) W. B. de WINTON,
Secretary to Government.

To the Superintending Engineer, VI Circle.
" other Superintending Engineers.
" the Consulting Architect to Government.
" the Superintendent of Works, Lighthouse Division.
" the Examiner, Public Works Accounts.

Appendix to G.O., No. 215 W., daed 31st January 1900.

RESULT of Inspection by Mr. W. COURTENAY, Assistant Examiner, Public Works Accounts, of the Office of the Executive Engineer, Madura Division, VI Circle, at Madura, from 11th to 16th December 1899.

Serial No.	Irregularity or defect brought to notice.	Paragraph of report.	Relative Code rule or order.	Examiner's remarks.	Orders of Government.
1	2	3	4	5	6
	Cash Accounts.				
1	There is room for considerable improvement in the cash accounts. Very often, the backs of cheque counterfoils do not show the remaining balance; this was the case with all the cheque books from December 1898 to March 1899. Frequent transfers of funds had occurred between sub-treasuries and between the Head office and sub-divisions, and there could have been no proper check over the balance at any sub-treasury. This point has been attended to, recently, but uninitialled corrections of counterfoils occur fairly frequently. Cheques are seldom entered in the cash book on the day they are drawn. It is obvious that such instances must occur when the Executive Engineer has to draw cheques while in camp, but they appear to be unusually frequent in this division. For instance in book 69309, out of ten cheques drawn between January and March 1899, only two were entered in the cash book on day they were drawn. Two cheques drawn on the 22nd and 28th February, respectively, were not entered until after the close of the month, necessitating a correction of the cash book after it had been closed and balanced. A note was made that intimation had not been received by the office until the 11th of March. Cheque No. 26 of the same book is shown on the counterfoil as having been issued on the 14th February to Mr. Hutton, in payment of salary. It appears in the cash book of the 16th as having been drawn to open an imprest with that officer, the amount appearing on the receipt side as "Cash from Treasury." In books 601 and 602 (Special Executive Engineer) there is, in most cases, no entry of the purpose for which cheques are drawn. A cheque drawn by the Executive Engineer on the 5th January was entered in the cash book on the 7th, while one dated the 4th was not entered till the 9th. Cancelment of cheques is very common probably owing to carelessness on the part of the Executive Engineer's camp-clerk, as they all seem to have been cancelled before issue. The certificate of count of cheques has, in a good many cases, not been signed by the Executive Engineer. The unused portions of the old cheque books withdrawn from use on the 31st March last have not been returned to the Examiner, as ordered. This should be done now.	2	Code, II, I, 96, and Note 6 on form No. 4.	1. The Executive Engineer will doubtless take the necessary action and remedy the defects brought to notice.	*Item* 1.—The irregularities brought to notice by the Inspecting officer point to great carelessness in the maintenance of these cash accounts. The Executive Engineer will take immediate steps so that these accounts may be maintained on a more satisfactory footing.

Result of Inspection by Mr. W. Courtenay, Assistant Examiner, Public Works Accounts, of the Office of the Executive Engineer, Madura Division, VI Circle, at Madura, from 11th to 16th December 1899—*cont.*

Serial No.	Irregularity or defect brought to notice.	Paragraph of report.	Relative Code rule or order.	Examiner's remarks.	Orders of Government.
1	2	3	4	5	6
	Cash Accounts—cont.				
2	The District Judge, Madura, in his No. 2939, dated 14th October 1898, asked for an estimate for constructing a shed near the Sub-Court buildings, Tirumal Naick's Palace, Madura, and stated that an appropriation had been made in the budget for 1898 99, and that funds would be placed at the disposal of the Executive Engineer. An estimate amounting to Rs. 500 was sent, and the work done by piece-work under the supervision of the Sub-Divisional officer, Tirumangalam. On the 29th March 1899, Rs. 435-3-9 was received from the Sub-Judge, Madura West, and passed on to the Tirumangalam Sub-Divisional officer for payment to the piece-workers.	3	Examiner's Circular, No. 1, dated 3rd February 1899.	2. The procedure adopted was highly irregular and the Executive Engineer's attention might be drawn to the rules quoted.	*Item* 2.—The Superintending Engineer will institute an enquiry as to how this elementary rule of Public Works procedure came to be overlooked, and will take the further necessary action in the matter. The transaction should, in any case, have appeared in the accounts.
	A receipt was granted by the Sub-Divisional officer in Form 20-E, but the amount was not entered in the cash-book, nor does the transaction appear at all in the accounts.	..	Code, II, I, 41.		
	Public Works Department Code, Vol. II, Chapter III, paragraph 115, distinctly forbids such a procedure, and states that when the Public Works Department execute a work for which an appropriation has been made in the estimates of the other department concerned, application should first be made to the Local Government for a transfer of funds from that department. It was, moreover, highly irregular to receive money for any purpose without bringing it to account.	..	Code, II, III, 115.		
	Revenue.				
3	In his Inspection report, the late Examiner drew attention to the need for a register of miscellaneous revenue. Such a book has now been opened out in the Divisional office, but it is incomplete, containing in fact only three entries. Complete lists of properties yielding revenue should be called for from Sub-divisional officers or subordinates and incorporated in this book.	4	G.O., No. 1316 W., dated 23rd May 1898.	3. It is necessary that the register of miscellaneous properties should be maintained up to date, if it is to answer the purpose for which it has been prescribed. The Executive Engineer might perhaps be asked to report when his registers are completely posted.	*Item* 3.—The Superintending Engineer will see that the register is up to date and complete.
	Measurement Books.				
4	The measurement books are in fairly good order, but a few irregularities were found. The following are examples :— *Book* 3774.—Reference is not always made to the number and date of the voucher, a frequent entry being "paid out of imprest." *Book* 1636.—Same remark applies. In some cases the column "contents" has not been inked in. This is also the case in books 2530 and 7025.	5	Code, II, I, 31, *et seq.*	4. The Executive Engineer will doubtless remedy the defects brought to notice.	*Item* 4.—These irregularities should be immediately set right and should not be allowed to recur.

	Book 1651.—Some of the measurements have not been signed by the officer making them.				
5	Forty-five measurement books issued in 1893, 1894 and 1895, have not yet been returned to the Divisional office for record, besides a good number issued in 1896. Their return should be insisted on.	5	Code, II, I, 38 ..	5. The prompt return of all completed measurement books should be insisted upon.	*Items* 5 *and* 5(*a*).—The Inspecting Officer's and the Examiner's remarks should receive attention.
5 (*a*)	When measurement books are finally recorded, a note might be made in each that the scrutiny ordered in G.O., No. 1613 W., dated 1st July 1895, has been duly performed.	5(*a*)	G.O., No. 1613 W., dated 1st July 1895.	5 (*a*). The attention of Executive Engineer might be invited to the Government Order quoted.	
6	The opportunity was taken to inspect the office of the Executive Engineer, special Periyar sub-division, in charge of Mr. H. T. Keeling (who relieved Mr. W. J. J. Howley on the 5th instant). The Executive Engineer (Mr. Joyce) had written to the Collector requesting him to allow me access to the cash book and other documents filed in the Sub-Magistrate's Court in connection with the recent frauds in this sub-division to enable me to make a brief report on the matter, but a reply was not received in time. The cash book from the 31st March was, however, available. A good many cheque counterfoils do not show the purpose for which the cheque was drawn. In six out of thirteen used cheque books examined, the certificate of count of cheques had not been signed by the Disbursing officer:— Form 20-E (Receipt for payments to Government) is not used. I was informed that this is because most recoveries of miscellaneous revenue, etc., are made by the subordinates who are not entitled to issue receipts in this form and that in these cases manuscript receipts are often granted. This infringes the rule quoted in Note 1 of the form. Either a receipt should be issued by the Sub-divisional officer and sent to the party concerned, through the subordinate who has received the money, or the Local Government should be requested to permit certain subordinates to issue them—*Vide* Code, II, I, 51.	6	Code, II, I, 51 ..	6. The irregular practice now in force should be discontinued— Form No. 20-E should be brought into use and issued to all officers and subordinates who receive money and are authorized to grant receipts.	*Item* 6.—The irregularities noticed in the maintenance of the cash accounts should be immediately set right and not allowed to recur. The Superintending Engineer will take steps, so that the use of unauthorized forms in the grant of receipts for payments to Government may cease.
				(Signed) H. RAINIER, Offg. Examr., P.W. Accounts, Madras and Coorg.	(True Extract.) (Signed) W. B. DEWINTON, Secretary to Govt.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.
PUBLIC WORKS.

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G.O., No. 216 W., 31st January 1900.

JANUARY.

Bridle-path on the Anamalais

The estimate, amounting to Rs. 17,000, for constructing a bridle-path from Villony to Valparai in the Anamalais, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

From A. H. GARRETT, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 14th December 1899, No. 679/W.

I have the honour to submit, herewith, for sanction of Government, an estimate amounting to Rs. 17,000, for cutting a bridle-path from Villony to Valparai in the Anamalais.

2. The Executive Engineer reports that the inordinate delay in the submission of this estimate is due to its having been necessary to recast the work abstracts so as to correctly allocate the expenditure.

Order—No. 216 W., dated 31st January 1900.

The estimate, amounting to Rs. 17,000, for constructing a bridle-path from Villony to Valparai in the Anamalais, is sanctioned.

2. This sanction has been registered as Provincial No. 124 W. of 1899–1900, and classified as Communications—Original works.

(True Extract.)

(Signed) W. B. deWINTON,
Secretary to Government.

To the Superintending Engineer, IV Circle, with two enclosures.
,, Examiner, Public Works Accounts.
,, Revenue Department.
,, Local and Municipal Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1900} of Madras.

PUBLIC WORKS.

Recd. } 1900. *Enclosures*

Regd. *Spare copies*

G.O., No. 217 W., 31st January 1900.

JANUARY.

Famine Relief Works

Authorizing Superintending Engineers to sanction, as a special case, estimates for — under "Repairs" without reference to the funds available, but stating that all such estimates must be included in the programme of — submitted by Executive Engineers to Collectors, and only carried out as such.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—again the following papers:—

G.O., No. 860 I., dated 3rd November 1898.
" " 419 I., " 9th May 1899.

Order—No. 217 W., dated 31st January 1900.

In G.O., No. 860 I., dated 3rd November 1898, Government approved of the suggestion made by the Chief Engineer for Irrigation that the bunds of tanks in groups in South Arcot should be raised to a substantial section whenever works for famine-relief are required, and directed that some scheme and estimate thereof should be prepared beforehand so that when the time comes the work may be taken in hand without delay, and in the most economical and advantageous manner.

2. On the recommendation of the Board of Revenue the scheme proposed for South Arcot was in G.O., No. 419 I., dated 9th May 1899, made applicable to all districts except the deltaic portions of the Gódávari, Kistna and Tanjore districts and the West Coast.

3. As the estimates prepared under the orders quoted have to be brought under sanction as soon as possible so that they may be available when the necessity for relief works arises, it is unnecessary for Superintending Engineers to submit either the estimates or the lists of works to the Chief Engineer for Irrigation for sanction. Superintending Engineers are authorized to sanction them under "Repairs" as a special case without reference to the funds available; but all such estimates, when sanctioned, must be included in the programmes of famine-relief works submitted by Executive Engineers to Collectors, and only carried out as famine relief works.

(True Extract.)

(Signed) W. B. deWinton,
Secretary to Government.

To the Chief Engineer for Irrigation.
" all Superintending Engineers.
" the Examiner, Public Works Accounts.
" the Revenue Department.

GENERAL.
ACCOUNT.

Government {1900} of Madras.
PUBLIC WORKS.

Recd.	1900.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 226 W., 31st January 1900.

JANUARY.

Sanitary Works

Proceedings, Local and Municipal Department, passing orders regarding the preparation of indents in the case of — to be executed either by the Public Works Department or by the Sanitary Engineer, communicated to Superintending Engineers for information.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

G.O., Mis. No. 32 M., dated 15th January 1900.

Read—the following letter from the Sanitary Engineer to Government, dated 4th December 1899, No. 1563 :—

I have the honour to inform you that certain instructions were given in G.O., No. 847 M., dated 15th May 1896, but no distinct orders were given as to who should prepare the Home indents for the materials required.

2. In the case of Vizagapatam scheme, the indent was prepared by the Public Works Department and sent to this office for scrutiny.

3. The Coonoor scheme was sanctioned in G.O., No. 1640 M., dated 6th November 1899, and its execution by the Public Works Department was ordered.

4. I do not know whether I should take action in preparing the indent for this scheme and I request orders with reference to this and future cases as regards—

(*a*) Schemes ordered to be executed by the Public Works Department.
(*b*) Schemes ordered to be executed by the Sanitary Engineer.

Order—Mis. No. 32 M., dated 15th January 1900.

In the case of works to be executed by the Public Works Department, it will be left to the discretion of that department either to prepare the indents itself or to get them prepared by the Sanitary Engineer, while in the case of works to be executed by the Sanitary Engineer, the indents will be prepared by the Sanitary Engineer and sent to the Public Works Department, for submission to the India Office.

2. In G.O., Mis. No. 31 M., dated 15th January 1900, the Sanitary Engineer has been requested to prepare and submit to the Public Works Department an indent for the materials required for the execution of the Coonoor water-supply scheme.

(True Extract.)

(Signed) H. TREMENHEERE,
Secretary to Government.

Order—No. 226 W., dated 31st January 1900.

Communicated to Superintending Engineers for information.

(True Extract.)

(Signed) W. B. deWINTON,
Secretary to Government.

To Superintending Engineers.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

TABULAR STATEMENT OF MISCELLANEOUS PROCEEDINGS AND MATTERS OF ROUTINE,

BUILDINGS AND ROADS.

FOR THE MONTH OF JANUARY 1900.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Famine Tools.—Ordered that a reply be sent to the Director-General of Stores, India Office, forwarding a sketch of the crowbar ordinarily used for famine-relief works in this Presidency, and giving a description of the same.	2nd Jan. 1900, No. 1 W.	22nd Nov. 1899, No. 4726 C.
Letter to the Director-General of Stores ...	2nd do. do. No. 2 W.	......
Famine Relief Works.—Authorizing the Chief Engineer, Public Works Department, to commence supplying the subordinates required for supervising, — by transferring the upper and lower subordinates, attached to Tank Restoration Scheme parties, to —.	4th do. do. No. 3 W.	11th Dec. 1899, No. 5087 C.
Stores.—Ordered that telegram be sent to the Director-General of Stores, India Office, stating that certain —, already indented for, required by the Public Works Stores, are urgently needed, and requesting that they be forwarded by the first steamer.	4th do. do. No. $\frac{4}{A}$ W.	22nd Dec. 1899, No. 5370 C.
Pension.—Proceedings, Pension Department, granting an invalid—of Rs. 48-14-0 to T. Abdulrazaack Sahib, late clerk, Public Works Secretariat, Madras, recorded.	8th do. do. No. $\frac{5}{A}$ W.	11th Dec. 1899, No. 3219 W.
Stores.—Ordered that a telegram be sent to the Government of India, stating that the materials required for the Upper and Lower Coleroon anicuts are urgently required, even at enhanced rates.	8th do. do. No. 6 W.	8th Jan. 1900, No. 10 C. 4th Nov. 1899, Nos. 2927–28 W.
Accounts Establishment, Public Works Department, Madras.—Approving the statement, submitted by the Examiner, Public Works Accounts, showing the proposed changes in the personnel of the —.	10th do. do. No. 7 W.	4th Dec. 1899, No. 3145 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Cells in Sub-Jails.—Endorsement in the Judicial Department, transferring letter from the Inspector-General of Prisons, stating that the provision of separate —, for undertrials and convicted prisoners, is of great advantage, communicated to the Consulting Architect to Government.	10th Jan. 1900, No. 8 W.	10th Nov. 1899, No. 4503 C.
Establishment.—The employment, during 1899–1900, of two survey lascars on Rs. 6 each, per mensem, required in the Russellkonda Sub-division, Ganjám division, sanctioned.	10th do. do. No. 9 W.	22nd Nov. 1899, No. 4721 C. 17th Aug. 1899, No. 2209 W.
Mr. C. H. T. Norfor, Executive Engineer on furlough.—Government of India telegram, stating that the Provident Fund account of — may be closed, and that the amount at credit may be paid to his agents at once, communicated to the Examiner, Public Works Accounts.	10th do. do. No. 12 W.	......
White-clothing.—Fixing the number of inferior servants in the Public Works Department Secretariat (General), to be supplied with —, at 10, the cycle peon, included in the number, being supplied with two suits of kaki drill instead.	11th do. do. No. 16 W.	17th Sept. 1897, No. 2568 W.
Establishment.—The employment, during 1899–1900, of seven tappal lascars in the Kurnool division, six on Rs. 6 each and one on Rs. 5 per mensem, sanctioned.	11th do. do. No. 17 W.	9th Dec. 1899, No. 3205 W. 5th Sept. 1899, No. 2529 W.
Missing Vouchers.—The acceptance of the certificates, submitted in lieu of certain —, in the West Coast division, sanctioned.	11th do. do. No. 18 W.	27th April 1891, No. 1154 W.
Tools.—The estimate, amounting to Rs. 1,000, for making — for the use of the Head Works sub-division of the Gódávari Eastern division, sanctioned.	11th do. do. No. 19 W.	......
Necessary tent.—The purchase of a —, at a cost of Rs. 50, for the use of the Superintending Engineer, IV Circle, sanctioned with remarks.	11th do. do. No. 20 W.	......
Cordite factory.—Plans connected with — returned to India with remarks.	11th do. do. No. 21 W.	......
Letter to the Government of India	11th do. do. No. 22 W.	......
Paris Exhibition, 1900.—Informing the Under Secretary of State that six photographs have been sent through Messrs. Henry S. King & Co., 65 Cornhill, London, for exhibition at the forthcoming —, and that they need not be returned to India.	12th do. do. Nos. 23–24 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Mr. P. R. Allen, Executive Engineer.—Stating that there is no objection to one of the three months' privilege leave already taken by—, being treated as the famine privilege leave to which he is eligible.	15th Jan. 1900, No. 26 W.	12th Sept. 1899, No. 2379 W. 6th Nov. 1899, No. 4417 C.
Establishment.—The entertainment, during 1899-1900, of certain watchmen in the West Coast division, sanctioned.	15th do. do. No. 27 W.	23rd June 1899, No. 2859 C.
Funds.—Proceedings, Local and Municipal Department, sanctioning the allotment of Rs. 50, required by the Negapatam District Board, for the repair of a road, and requesting the Accountant-General to place the sum at the disposal of the Public Works Department, communicated to the officers concerned.	15th do. do. No. 28 W.	23rd June 1899, No. 2876 C.
Salary.—Authorizing the Examiner, Public Works Accounts, to admit the pay of S. P. Ramaswami Mudaliyar, acting draftsman, 2nd class, West Coast division, for the 1st and 2nd August 1899.	15th do. do. No. 29 W.	21st Dec. 1899, No. 5311 C.
Fifty Years' Statement.—Ordered that the return of officers of the Madras Public Works Department, who have already attained, or who will attain, the age of 50 years in the next two calendar years 1900 and 1901, and who have not yet been promoted to the rank of Superintending Engineer, be forwarded to the Government of India.	16th do. do. No. 31 W.	17th Jan. 1899, Nos. 136-37 W. 22nd June 1899, No. 1643 W.
Forwarded	16th do. do. No. 32 W.	......
Lunatic Asylum at Waltair, Vizagapatam.—Letter from the Superintending Engineer, I Circle, sanctioning the estimate of Rs. 1,900 for constructing blocks for female insanes in the —, recorded with remarks.	16th do. do. No. 33 W.	22nd Dec. 1899, No. 5343 C.
Pension.—Proceedings, Pension Department, granting a retiring — to Mr. J. E. Paul, late Executive Engineer, 1st Grade, Public Works Department, communicated to that officer.	16th do. do. No. 34 W.	......
Kilpauk Cemetery.—Proceedings, Ecclesiastical Department, stating that, in view of the consecration of the Church of England portion of the —, the estimate of the cost of certain additional work thereto, required by the Right Reverend the Bishop, will be prepared in the Public Works Department, communicated to the Consulting Architect for early action.	16th do. do. No. 37 W.	15th May 1899, No. 206 D.
Establishment.—The entertainment, for three months, from 1st January 1900, of a storekeeper on Rs. 20 per mensem, in the special upper anicut subdivision of the Tanjore division, sanctioned.	16th do. do. No. 38 W.	15th July 1899, No. 1836 W.
Watchman.—The entertainment, during 1899-1900, of a — on Rs. 6 per mensem for guarding the pumping station at Government House, Guindy, sanctioned.	16th do. do. No. 39 W.	6th Dec. 1899, No. 4978 C.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Watchman.—Sanctioning the retention of the —, required for the Hill bungalow, Ongole, as long as it is vacant.	16th Jan. 1900, No. 40 W.	6th Sept. 1899, No. 3719 C.
Funds.—Withdrawing a sum of Rs. 200 from the minor works grant to the Kistna Eastern division, under Provincial Civil Buildings.	17th do. do. No. 44 W.	17th Oct. 1899, No. 2742 W.
Weighing Machine.—Proceedings, Marine Department, sanctioning the purchase of a — for use in the port of Mangalore, communicated to the officers concerned.	17th do. do. No. 45 W.	......
Funds.—Withdrawing the grant of Rs. 400 to the Coimbatore division, under Imperial Civil Works, Telegraph Repairs.	17th do. do. No. 46 W.	......
Galvanized Buckets.—Letter from the Director-General of Stores, India Office, stating that the — indented for in Madras Public Works indent No. 6 of 7th August 1899 have been ordered, communicated to the Superintending Engineer, V Circle.	17th do. do. No. 47 W.	......
Watchman.—The continued employment, to end of February 1900, of a — on Rs. 5 per mensem, for guarding tools and plant at Suradá, Ganjám district, sanctioned.	17th do. do. No. 48 W.	5th Sept. 1899, No. 2329 W. 25th May 1899, No. 1338 W.
Funds.—Withdrawing the sum of Rs. 3,000, surrendered from the grant for constructing a new Taluk office at Tirutturaippúndi, Negapatam division.	17th do. do. No. 49 W.	......
Funds.—Sanctioning certain modifications of grants, under Provincial Civil Buildings, V Circle.	17th do. do. No. 50 W.	......
Old Police Station at Hindupur, Bellary Division.—Proceedings, Revenue Department, sanctioning the sale, by public auction, of the — with its site, communicated to the Superintending Engineer, III Circle.	17th do. do. No. 51 W.	17th Oct. 1899, No. 2735 W.
Funds.—Sanctioning an allotment of Rs. 495 for reserving a stock of big boulders in the vicinity of Mr. Grieves' house at Cochin.	17th do. do. No. 52 W.	27th Sept. 1899, No. 1256 D.
Stores.—Stating that a further allotment of £225 has been sanctioned for the enrichments to be supplied by Messrs. Maple & Co. in connection with certain additions to Government House, Ootacamund.	17th do. do. No. $\frac{52}{A}$ W.	5th Oct. 1899, Nos. 2610-11 W.
Funds.—Sanctioning, with remarks, certain transfer of — in the Kurnool division, under Provincial.	17th do. do. No. 53 W.	......
Funds.—Sanctioning certain transfer of allotments, applied for by the Inspector of Steam Boilers and Prime-movers, Madras, in the estimates of charges of his office.	17th do. do. No. 54 W.	12th Dec. 1899, No. 3222 W. 27th Oct. 1899, No. 2828 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Loans.—Proceedings, Public Department, communicating the Government of India resolution regarding the admissibility of —, by Government servant,s to Managers of Court of Wards or encumbered estates, communicated to the officers of the Public Works Department.	17th Jan. 1900, No. 55 W.	11th Aug. 1897, No. 2198 W.
Funds.—Sanctioning certain modifications of grants under Provincial, Miscellaneous Public Improvements, Coimbatore division.	17th do. do. No. 56 W.	28th Nov. 1899, No. 3105 W.
Funds.—Transferring a sum of Rs. 1,000 to the Taluk office at Ongole, from the grant of Rs 6,000 for the District Munsif's Court at Kanigiri, Nellore district	17th do. do. No. 57 W.	29th Sept. 1899, No. 2550 W.
Surplus Stores.—Letter from the Government of Bengal, forwarding a list of — and tools and plants of their Public Works Department, available for sale or transfer, for the year ending 31st March 1899, communicated to the Superintending Engineer, V Circle.	17th do. do. No. 60 W.	20th Sept. 1898, No. 2445 W.
Funds.—Proceedings, Local and Municipal Department, sanctioning certain allotment of — required by the Taluk Board of Mannárgudi, Tanjore division, communicated to the officers concerned.	17th do. do. No. 61 W.	19th Dec. 1899, No. 3317 W.
Boring Apparatus.—The issue of the — with piping, required by the Sanitary Engineer, Madras, for general investigation purposes, sanctioned.	17th do. do. No. 62 W.	......
Revised and Budget Estimates of Revenue and Expenditure.—Ordered that a letter be sent to the Government of India, forwarding an abstract of — for 1899–1900 and 1900–1901, respectively, under Imperial, Provincial, and Incorporated Local Civil Works.	17th do. do. No. 63 W.	17th Jan. 1899, No. 152 W.
Letter to the Government of India	17th do. do. No. 64 W.	......
Revised and Budget Estimates of Revenue and Expenditure.—Ordered that a letter be sent to the Government of India, Military Department, forwarding an abstract of — for 1899–1900 and 1900–1901, respectively, under Imperial, Military works.	17th do. do. No. 65 W.	15th Sept 1899, No. 2428 W. 17th Jan. 1899, No. 151 W.
Letter to the Government of India	17th do. do. No. 66 W.	......
Budget Estimates.—Proceedings, Financial Department, accepting the — for 1900–1901, under Adjusting Heads, submitted by the Accountant-General, recorded.	18th do. do. No. 67 W.	6th Jan. 1899, No. 46 W.
Missing Voucher.—The acceptance of the certificate in lieu of the — of Rs. 304-6-7 in the Erode sub-division, Coimbatore division, sanctioned.	18th do. do. No. 68 W.	27th April 1891, No. 1154 W.
Presidency Port Office Buildings, Madras.—The estimate, amounting to Rs. 1,329, for annual repairs to the —, returned to the Consulting Architect for disposal, with remarks.	18th do. do. No. 69 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Presidency Allowance.—The grant of — to Mr. A. Taylor, Accountant, eighth grade, on probation, sanctioned.	18th Jan 1900, No. 70 W.	20th Dec. 1899, No. 3324 W.
Army Regulations, India.—Letter from the Government of India, Military Department, stating that applications for copies of the volumes of — should be made under the orders of the heads of departments concerned, recorded.	18th do. do. No. 71 W.	17th Oct. 1899, Nos. 2731–32 W.
Funds.—Making an additional allotment of Rs. 400 to the Consulting Architect's division, under Imperial Civil Works, Postal Repairs, by transfer from the reserve under Telegraph Repairs.	18th do. do. No. 72 W.	......
Famine-relief Works.—Letter from the Superintending Engineer, I Circle, stating that the principles set forth in the report of the Indian Famine Commission of 1898, regarding the selection of works for famine relief, have been carefully kept in view, recorded.	18th do. do. No. 73 W.	23rd Dec. 1899, No. 3557 W.
Funds.—Letter from the Director-General of the Post Office of India, allotting, from the reserve under postal minor works, a sum of Rs. 336, for repairing the building occupied by the Munsif's Court at Narasapur, Gódávari district, to adapt for a combined Post and Telegraph office, communicated to the officers concerned.	18th do. do. No. 74 W.	......
Packing Accounts of Military Stores.—Proceedings, Marine Department, stating that the Government is of opinion that it would simplify matters if the duplicate — are, after return to the Agent for Government Consignments from the departments and Examiners concerned, transmitted to the India Office through the Accountant-General, instead of through the Controller of Military Accounts, communicated to officers of the Public Works Department.	18th do. do. No. 75 W.	14th Dec. 1899, No. 1083, Mar. 14th Oct 1889, No. 2876 W.
Last-pay Certificate.—Ordered that a blank list of officers, whose absentee allowances are not wholly chargeable to Indian Revenues, and who proceeded to England with — for the quarter ending 31st December 1899, be forwarded to the Home Government.	18th do. do. No. 76 W.	27th Oct. 1899, Nos. 2816–17 W.
Forwarded	18th do. do. No. 77 W.	......
Allowances.—Sanctioning the transit pay and travelling allowance of a clerk and two peons transferred from the Kurnool to the Cuddapah division.	18th do. do. No. 78 W.	2nd Feb. 1899, No. 312 W.
Bangalore Post Office.—Letter from the Director-General of the Post Office of India, requesting the issue of orders for the preparation of the plan and estimate for additions and alterations to the —, communicated to the Superintending Engineer, Military Works.	18th do. do. No. 79 W.	1st Dec. 1899, Nos. 3131–32 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Land.—Notification for the acquisition of — required for constructing a seventh-class Post office and Post Master's residence at Gokavaram, Godávari district, ordered to be published in the *Fort St. George Gazette.*	18th Jan. 1900, No. 80 W.	16th Dec. 1899, No. 5210 C.
Exchange Compensation Allowance.—Proceedings, Financial Department, granting — to Mr. J. Kelly, Sub-Engineer, Public Works Department, as a special concession, communicated to the Superintending Engineer, IV Circle.	18th do. do. No. 81 W.	24th Nov. 1899, No. 4792 C.
Officers deputed on Plague Duty.—Proceedings, Local and Municipal Department, stating that the Revenue Department order, under which officers, deputed on famine duty in districts other than those in which they are serving, should not take their families with them at the public cost, is not applicable to —, communicated to officers of the Public Works Department.	18th do. do. No. 82 W.	19th Aug. 1897, No. 2277 W.
Funds.—Letter from the Director-General of the Post Office of India sanctioning, from the reserve for postal minor works, an allotment of Rs. 1,793 for constructing a new Post office building at Gokavaram, Gódávari district, communicated to the officers concerned.	18th do. do. No. 83 W.	......
Funds.—Allotting a sum of Rs. 454 to the Gódávari Eastern division under Imperial Civil Works, Telegraph Repairs.	18th do. do. No. 84 W.	......
Imprest.—Sanctioning the grant of an — of Rs. 10 to a sub-overseer in the Cuddapah division.	18th do. do. No. 85 W.	13th Sept. 1899, No. 2393 W.
Advance.—The grant of an — of Rs. 100 to Mr. W. B. deWinton, Chief Engineer and Secretary to Government, Public Works Department, to meet his tour expenses in January 1900, sanctioned, subject to adjustment.	18th do. do. No. 87 W.	18th Dec. 1899, No. 3296 W.
Inspection Report of the Accounts of the Bellary Division.—Letter from the Superintending Engineer, III Circle, reporting on certain items in the —, recorded with remarks.	18th do. do. No. 88 W.	5th Dec. 1899, No. 4947 C. 31st Oct. 1899, No. 2880 W.
Stores.—Ordered that a telegram be sent to the Government of India, asking them to request the Secretary of State to send a certain number of plates of certain description, indented for in connection with the Coleroon anicut.	18th do. do. No. $\frac{88}{A}$ W.	15th Jan. 1900, No. 139 C.
Exchange Compensation Allowance.—Proceedings, Financial Department, stating that Messrs. Hutton-Squire and A. S. Laurie are entitled to draw —, under the new rules, communicated to the Consulting Architect.	18th do. do. No. 89 W.	22nd Dec. 1899, No. 5350 C.
Stores.—Proceedings, Financial Department, communicating letter from the Government of India stating that tenders for — in excess of estimate may be accepted, if clearly reasonable, communicated to officers of the Public Works Department.	19th do. do. No. 92 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Meeting of the Legislative Council, Madras.—Proceedings, Legislative Department, communicating copies of questions asked at the — held on the 19th December 1899, and of the answers thereto, recorded.	19th Jan. 1900, No. 93 W.	8th Dec. 1899, No. 3197 W.
Temporary Appointments and Deputations.—Letter to the Government of India, stating that the return of — sanctioned by this Government, under article 95 (*b*) of the Civil Service Regulations, for the half-year ending 31st December 1899 is *nil*.	19th do. do. No. 94 W.	24th July 1899, No. 1902 W.
Inspection Report of the Accounts of the Vizagapatam Division.—Letter from the Superintending Engineer, I Circle, reporting on certain items in the —, recorded, with remarks.	19th do. do. No. 95 W.	11th Aug. 1899, No 2128 W. 7th July 1898, No. 1725 W. & file.
"*Ready Reference Tables of Areas, &c.*".—The purchase of 64 copies of the —, compiled by M.R.Ry. A. Coomaraswamy Mudaliyar, Head Estimator in the office of the Public Works Secretary, to the Resident at Hyderabad, sanctioned.	19th do. do. No. 96 W.	3rd Oct. 1899, No. 1305 D.
Pension.—Proceedings, Pension Department, granting an invalid gratuity to Syed Meer, late peon, office of the Superintending Engineer, VI Circle, recorded.	19th do. do. No. 97 W.	......
Proposition Statements.—Proceedings, Financial Department, forwarding certain addenda to the instructions relating to the preparation and submission of —, recorded.	19th do. do. No. 98 W.	20th Dec. 1899, No. 3328 W.
Budget Estimates.—Proceedings, Financial Department, passing orders on the — submitted by the Accountant-General for 1900–1901, under XII and 13. Interest, recorded.	19th do. do. No. 99 W.	11th Jan. 1899, No. 109 W.
District Munsif's Court at Manamadura, Madura District.—Letter from the Registrar, High Court, stating that the District Judge has requested the Executive Engineer to proceed with the construction of the —, recorded.	19th do. do. No. 100 W.	21st Dec. 1899, No. 3334 W.
Funds.—Sanctioning, with remarks, certain modifications of grants, under Provincial, IV Circle.	19th do. do. No. 101 W.	......
Funds.—Endorsement by the Director-General of Telegraphs, forwarding a statement, allotting a sum of Rs. 212, for repairing the building occupied by the Munsif's Court at Narsapur, for a combined Post and Telegraph office, communicated to the officers concerned.	19th do. do. No. 102 W.	......
Examination Rules.—Proceedings, Educational Department, directing that V. Lakshminarasimham, temporary clerk, Public Works Department, be considered to have been exempted from the — from 24th October to 11th November 1899, communicated to the Superintending Engineer, II Circle.	19th do. do. No. 103 W.	19th Dec. 1899, No. 5260 C.
Native Newspapers.—Report on — for the fortnight ending 31st December 1899, recorded.	19th do. do. No. 104 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Despatches.—Letter to the Under Secretary of State for India forwarding a *nil* list of — received from the Secretary of State remaining unanswered at the end of the quarter ending 31st December 1899.	19th Jan. 1900, No. 105 W.	9th Oct. 1899, No. 2683 W.
Memorials.—Forwarding to the Government of India a *nil* list of — addressed to that Government and withheld by the Government of Madras in the Public Works Department during the quarter ending 31st December 1899.	19th do. do. No. 106 W.	9th Oct. 1899, No. 2661 W.
Embezzlement of Government Money.—Proceedings, Revenue Department, passing certain remarks in the matter of the —during the recent famine operations in the Pattikonda taluk, Kurnool district, communicated to the Examiner, Public Works Accounts.	19th do. do. No. 107 W.	24th Aug. 1899, No. 2218 W.
Examination Rules.—Proceedings, Educational Department, directing that S. Krishna Aiyar, temporary draftsman, Salem division, be considered to have been exempted from the — from the 29th October to the 26th November 1899, communicated to the Superintending Engineer, IV Circle.	19th do. do. No. 108 W.	23rd Dec. 1899, No. 5380 C.
Army Regulations, India, Volume X.—Letter from the Government of India, forwarding a statement showing the distribution of copies of — to Local Governments, &c., in the Public Works Department, communicated to officers of the Public Works Department, and the Government of India requested to furnish two more copies of the publication.	19th do. do. No. 109 W.	15th Aug. 1899, Nos. 2184–85 W.
Letter to the Government of India	19th do. do. No. 110 W.	......
Rent.—The charge to Mr. Lazarus, Supervisor in charge of the Kundupur sub-division, Nellore, of Rs. 9 as monthly — for the rest-house used by him at Kávali, sanctioned.	20th do. do. No. 116 W.	13th July 1897, No. 1882 W.
Missing Vouchers.—Accepting the certificate in lieu of the — for Rs. 34-9-4, in the Gódávari Eastern division.	20th do. do. No. 117 W.	27th April 1891, No. 1154 W.
Mr. R. S. Paterson, Officiating Consulting Architect.—Declaring — to be the Controlling officer for all officers subordinate to him.	20th do. do. No. 118 W.	6th Dec. 1899, No. 4981 C.
Memorials.—Ordered that the — of certain officers of the Public Works Department, pointing out the non-fulfilment of certain inducements held out in the prospectus of the Royal Indian Engineering College, Cooper's Hill, and praying for the redress of the grievance caused thereby, be forwarded to the Government of India.	20th do. do. No. 120 W.	14th June 1899, No. 1533 W. 7th Sept. 1898, Nos. 2326–27 W. 25th July 1898, Nos. 1871–72 W. & file.
Letter to the Government of India	20th do. do. No. 121 W.	......
Famine-relief Works.—Telegram to the Hyderabad Administration, Public Works Department, regretting that no officer can be spared for famine duty in Berar, the situation here being critical.	20th do. do. No. 122 W.	9th Dec. 1899, No. $\frac{3209}{A}$ W. 30th Nov. 1899, No. $\frac{3116}{A}$ W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Land.—Notification for the acquisition of — required for the construction of a new road from Rosemount to Pykara finger post, Ootacamund, ordered to be published in the *Fort St. George Gazette.*	22nd Jan. 1900, No. 123 W.	22nd Dec. 1899, No. 5366 C. 22nd Dec. 1899, No. 3354 W.
Accident.—Endorsement from the Superintending Engineer, IV Circle, forwarding copy of a letter from the Executive Engineer, Coimbatore Division, reporting the sad fate of a cooly girl, who was seized and carried away by a tiger, on the Chinnar ghât road, recorded.	22nd do. do. No. 124 W.	21st Oct. 1899, No. 2776 W.
Establishment.—The employment, during 1898–99, of sweepers and scavengers, for maintaining the Tirumal Naik's Palace at Madura, sanctioned.	22nd do. do. No. 125 W.	23rd Oct. 1899, No. 2815 W. 26th Sept. 1899, No. 2494 W.
Payments in England.—Statement of — on account of stores and freight, and of invoices despatched to India, during November 1899, communicated to the officers concerned.	22nd do. do. No. 128 W.	9th Dec. 1899, No. 3204 W. & file.
Indian-made Articles of Iron and Steel.—Proceedings, Financial Department, communicating Resolution of the Government of India, ordering that Railway carriages, goods wagons, etc., shall be added to the list of —, which may be purchased for public service, in India, communicated to the officers of the Public Works Department.	22nd do. do. No. 129 W.	1st Aug. 1898, No. 1924 W. 5th Dec. 1899, No. 4957 C. & file.
Examination Rules.—Proceedings, Educational Department, extending to the 30th June 1900, the exemption from the — granted to T. Tulasi Ram Sing, temporary clerk, Bellary division, communicated to the Superintending Engineer, III Circle.	22nd do. do. No. 130 W.	23rd Dec. 1899, No. 5386 C.
Funds.—Sanctioning an allotment of Rs. 250, under Port funds, for repairs to the revetment on the backwater side of the Cruz Milagre dam at Cochin.	22nd do. do. No. 131 W.	......
Standing Orders.—Letter from the Government of India forwarding draft —, which will be incorporated in the next edition of the Public Works Department Code, recorded.	22nd do. do. No. 132 W.	......
Irrecoverable Sums.—*Nil* statement, received from the Examiner, Public Works Accounts, of — exceeding one rupee, written off, for the half-year ending 31st December 1899, recorded.	22nd do. do. No. 133 W.	22nd July 1899, No. 1889 W.
Memorials.—A *nil* statement of —, addressed to the Secretary of State, and withheld by the Government of Madras in the Public Works Department, during the quarter ending 31st December 1899, forwarded to the Government of India.	22nd do. do. No. 134 W.	9th Oct. 1899, No. 2658 W.
Establishment.—Sanctioning the entertainment, for three months, of the — required for the revision of plans and estimates of the Hindupur project, Bellary division, and directing that the Superintending Engineer, III Circle, be informed of the same by telegram.	22nd do. do. No. $\frac{134}{A}$ W.	23rd Dec. 1899, No. 3359 W. 31st Oct. 1899, No. 4335 C. & file.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Famine-relief Works.—Proceedings, Revenue Department, recording Board's Proceedings issuing instructions regarding the preparations of the programme of —, recorded.	22nd Jan. 1900, No. 135 W.	15th Jan. 1900, No. 134 C.
Vizagapatam Agency Roads.—Proceedings, Judicial Department, approving the proposals of the Agent to the Governor in Vizagapatam for improving the road between Jeypore and Dhampunji, and issuing certain subsidiary orders therewith, communicated to the Superintending Engineer, I Circle.	23rd do. do. No. 137 W.	23rd Nov. 1899, No. 4754 C. & file.
Military Promotions.—Ordered that the Government of India, Military Department, be requested to sanction the publication, in the *Gazette of India*, of the notifications revising the promotions on the Madras Public Works Department Warrant list, *vice* Assistant Commissary and Honorary Lieutenant J. Kelly, retired, and Sub-Conductor E. Huson, deceased.	23rd do. do. No. 138 W.	7th Dec. 1899, No. 5008 C. 30th Nov. 1899, No. 3121 W. & file.
Letter to the Government of India	23rd do. do. No. 139 W.	......
Budget Grants.—Proceedings, Financial Department, fixing the grants, for 1900–1901, for 43. Minor Works and Navigation, and 45. Civil Works, Public Works Department, at 29·80 and 22·16 lakhs, respectively, communicated to the officers concerned.	23rd do. do. No. 140 W.	27th Nov. 1899, No. 1007 I.
Objectionable Items.—Orders on the statement of — in the accounts of the Lighthouse division for October 1899.	23rd do. do. No. 141 W.	14th Dec. 1899, No. 3256 W.
Fee.—The acceptance, by Mr. Ashpitel, of a — of Rs. 500 from Messrs. Best & Co. for certain private work done for them, sanctioned.	23rd do. do. No. 142 W.	4th Nov. 1899, No. 4394 C. 25th Aug. 1899, No. 993 D. & file.
Doniukurru Branch Channel, Gódávari Central Division.—The estimate, amounting to Rs. 820, for constructing a sluice at head of the —, sanctioned.	23rd do. do. No. 143 W.	......
Store Shed.—Sanctioning the renting of a — for storing tools, in charge of the Assistant Engineer, Bhaváni-Cauvery investigation scheme.	23rd do. do. No. 144 W.	......
Stores.—Letter from the Director-General of Stores, stating that arrangements have been made for the shipment of 100 tons of coke for Madras, communicated to the Superintending Engineer, V Circle.	23rd do. do. No. 145 W.	23rd Dec. 1899, No. 3368 W.
Funds.—Allotting a sum of Rs. 550, under Port Funds, for repairs to the sea wall in front of the damaged portion of the foreshore at "Grieves' Bastion," Cochin.	23rd do. do. No. 147 W.	17th Jan. 1900, No. 52 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Stores.—Ordered that a telegram be sent to the Secretary of State, stating that lengths of 6 feet or 12 feet may be substituted for the 18 feet length of certain article required for the Coleroon anicuts.	23rd Jan. 1900, No. 117/A W.	10th Jan. 1900, No. 57 C. & file.
Water Works Extension, Trichinopoly District.—Proceedings, Local and Municipal Department, requesting that the Examiner, Public Works Accounts, be instructed to issue letters of credit for Rs. 47,000, in favour of the Sanitary Engineer, in connection with the —, communicated to the Examiner, Public Works Accounts.	24th do. do. No. 148 W.	21st Oct. 1899, No. 2789 W.
Stores.—Letter to the Director-General of Stores, India Office, furnishing the necessary information in regard to certain —, applied for in indent No. 7 of 7th August 1899.	24th do. do. No. 149 W.	4th Dec. 1899, No. 4926 C.
Furniture.—The estimate of Rs. 55 for providing — for the inspection bungalows at Kalpetta, Meenangady and Gudalur on the Chundale battery and Gudalur roads, West Coast division, sanctioned.	24th do. do. No. 150 W.	......
Stock Bricks.—The supply, to the Madras Cricket club, of 50,000 — required for the construction of a Racket court, sanctioned.	24th do. do. No. 151 W.	16th Dec. 1899, No. 3289 W. & file.
Daily Allowance.—Authorizing the Examiner, Public Works Accounts, to pass —, at Rs. 6 per mensem, to Mr. D. Brodie, temporary Engineer, Anamalai division, with effect from the 27th July 1899.	24th do. do. No. 152 W.	27th July 1899, No. 1956 W. 22nd Dec. 1899, No. 5375 C.
Punjab-Bengal route book.—Ordered that the Government of India be requested to forward a copy of the revised edition of the —, for use in the Secretariat.	24th do. do. No. 153 W.	......
Letter to the Government of India	24th do. do. No. 154 W.	......
Government Press Buildings.—Proceedings, Public Department, referring to this department the proposals of the Superintendent regarding the repairs to the — in view to the issue of orders for the preparation of plans and estimates, communicated to the Consulting Architect for the necessary action.	24th do. do. No. 155 W.	......
Stores.—Telegram to the Government of India, requesting that the Secretary of State be asked to send the equivalent of certain plates, indented for, in the longest commercial lengths conveniently obtainable.	24th do. do. No. 156 W.	22nd Jan. 1900, No. 305 C. 18th Jan. 1900, No. 224 C. & file.
Suit.—The Government Pleader's opinion, regarding the claim of contractor A. Rungaswamy Naidu, to a certain sum of money, for work done by him in connection with the construction of the Forest officer's residence at Madura, communicated to the Consulting Architect, who will take the necessary steps to defend the — when it is filed.	24th do. do. No. 157 W.	22nd Dec. 1899, No. 5362 C.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Accounts Establishment.—Forwarding to the Government of India the promotion recommendation roll of superior —, for the year ending 31st December 1899 (Confidential).	24th Jan. 1900, No. 158 W.	......
Increments to Executive Engineers.—Letter to the Government of India stating that no Executive Engineers, 1st grade, on the Madras List, were granted special increments, during the half-year ending 31st December 1899.	24th do. do. No. 159 W.	16th Jan. 1900, No. 167 C.
Bombay Engineers' Examiation Rules.—Copy of General Department Notification, forwarded by the Government of Bombay, amending certain rules relating to the —, recorded.	24th do. do. No. 160 W.	2nd Oct. 1899, No. 2568 W.
Memorial.—Ordered that the — of Mr. A. A. G. Malet, Acting Sanitary Engineer to Government, addressed to His Excellency the Viceroy, be forwarded to the Government of India.	24th Jan. 1900, No. $\frac{160}{A}$ W.	......
Forwarded	24th do. do. No. $\frac{160}{B}$ W.	......
Memorial.—Ordered that the — of Mr. W. C. DeMorgan, Superintending Engineer, I Circle, to His Excellency the Viceroy, be forwarded to the Government of India.	24th do. do. No. 161 W.	......
Forwarded	24th do. do. No. 162 W.	......
Unanswered references.—Quarterly statement of — from the Government of India, Military Department, at the end of the quarter ending 31st December 1899, forwarded to the Government of India.	25th do. do. No. 163 W.	16th Dec. 1899, No. 5202 C.
Mr. D. Brodie, Temporary Engineer, Anamalai Division.—Ordered that the sanction of the Government of India be obtained to the increase of the salary of — from Rs. 250 to Rs. 300.	25th do. do. No. 164 W.	17th June 1899, No. 1597 W. & file.
Letter to the Government of India	25th do. do. No. 165 W.	......
Native Newspapers.—Report on — for the fortnight ending 15th January 1900, recorded.	25th do. do. No. 166 W.	......
Old Bank buildings at Coimbatore.—Proceedings, Educational Department, sanctioning the payment of Rs. 309-4-0 for the acquisition of certain houses required for converting the — into a Government Training School for Mistresses, communicated to the officers concerned.	25th do. do. No. 167 W.	20th Dec. 1899, No. 5275 C. & file.
Establishment.—The employment, for nine months from 1st April 1899, of a watchman for the rest-shed at Atagada, Ganjam division, sanctioned.	25th do. do. No. 168 W.	5th Sept. 1899, No. 2529 W.
Unauthorized appropriations.—Orders on the statement of — made during the month of December 1899, under 45. Civil Works, Provincial.	25th do. do. No. 169 W.	27th Dec. 1899, Nos. 3403 & $\frac{3403}{A}$ W.
The above forwarded to the Accountant-General, Public Works Department.	25th do. do. No. 170 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Bill to amend the Madras Steam-boilers and Prime-Movers Act, 1893.—Proceedings, Legislative Department, communicating letter from the Chamber of Commerce, Cocanada, stating that the proposed legislation to amend Madras Act III of 1893, is unnecessary, recorded.	25th Jan. 1900, No. 171 W.	23rd Jan. 1900, No. 327 C.
Amir Mahal, Madras.—Declining to sanction the estimate of Rs. 1,596, submitted by the Paymaster, Carnatic Stipends, for removing and reconstructing store rooms at the —, as the work is not one upon which public money can be fairly spent.	25th do. do. No. 172 W.	30th Nov. 1899, No. 4867 C. 18th Nov. 1899, No. 4667 C.
Stores.—Telegram from the Secretary of State, stating that the contracts for the supply of certain —, required by the Public Works Stores division, were signed in December last, and that, owing to the present state of trade, the stores are promised to be delivered, for shipment, only by the 31st May 1900, communicated to the General Superintendent, Public Works Stores.	25th do. do. No. 173 W.	4th Jan. 1900, No. $\frac{4}{A}$ W.
Stores.—Telegram to the Government of India, stating that, as regards the plates indented for in connection with the Coleroon anicuts, it is immaterial, which dimension is taken as length, and which as breadth.	25th do. do. No. $\frac{173}{A}$ W.	18th Jan. 1900, No. $\frac{88}{A}$ W. 23rd Jan. 1900, No. 329 C. & file.
Funds.—Sanctioning certain transfer of —, under 45. Provincial Civil Works, Bellary division.	25th do do. No. 174 W.	......
Coonoor water-supply scheme.—Proceedings, Local and Municipal Department, requesting the Municipal Council to place the necessary funds for the — at the disposal of the Public Works Department, and the Sanitary Engineer to submit the estimate and indent for the iron work required for the same, communicated to the officers concerned.	25th do. do. No. 175 W.	19th Dec. 1899, No. 3315 W.
Funds.—Proceedings, Financial Department, replacing, at the disposal of the Public Works Department, a sum of Rs. 6,845, for repairs to the Central Jail at Vellore, communicated to the officers concerned.	25th do. do. No. 177 W.	21st Dec. 1899, No. 3339 W.
Funds.—Allotting a sum of Rs. 380, under Excluded Local Port Funds, for annual repairs to the Port officer's residence at Mangalore.	26th do. do. No. 1.8 W.	......
Funds.—Withdrawing a sum of Rs. 500, from the grant of Rs. 10,000, for the Deputy Tahsildar's office at Macherla, Kistna Northern district.	26th do do. No. 179 W.	......
Funds.—Transferring a sum of Rs. 200 from the West Coast to the Salem division, under Imperial Military repairs.	26th do. do. No. 180 W.	......
Revenue and expenditure of the Government of Madras for 1898–99.—Proceedings, Financial Department, recording statement showing the distribution, under Imperial, Provincial and Local of the —, recorded.	26th do. do. No. 181 W.	26th Jan. 1899, No. 253 W. 25th Jan. 1898, No. 212 W. & file.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Stores.—Copy of telegram from the Secretary of State to the Viceroy requesting an early reply to his telegram regarding certain articles indented for in connection with the Coleroon anicuts, recorded.	26th Jan. 1900. No. 182 W.	8th Jan. 1900, No. 6 W.
Funds.—Making an additional allotment of Rs. 500 to the Kurnool division, under Provincial Civil Buildings, Repairs.	26th do. do. No. 183 W.	......
Appointment of Inspector of Steam-boilers and Prime-movers in the Madras Presidency.—Letter to the Government of Bombay acknowledging the receipt of an application from Mr. C. Walko for the — and stating that there is no immediate prospect of additional Inspectors being appointed in Madras.	26th do. do. No. 189 W.	28th Sept. 1899, No. 2529 W.
Stores.—Telegram to the Secretary of State requesting to be informed when the —, viz., Lighthouse apparatus and a dredger for Cocanada, indented for in the Public Works Indents of 1898–99, may be expected.	26th do. do. No. $\frac{189}{A}$ W.	23rd Jan. 1900, No. 147 W. & file.
Indents.—Proceedings, Financial Department, communicating extract from the despatch from the Secretary of State sanctioning compliance with the — for fire engines for Chepauk, communicated to the officers concerned.	26th do. do. No. 190 W.	18th July 1899, Nos. 1842–43 W. 29th June 1899, Nos. 1684–85 W.
Official Publications.—Proceedings, Financial Department, communicating despatch from the Secretary of State requesting the observance of a certain practice regarding the sale and price of —, recorded.	26th do. do. No. 191 W.	4th May 1899, No. 1203 W.
Establishment.—Proceedings, Educational Department, authorizing the Superintending Engineer, III Circle, to appoint unpassed men to temporary posts on Rs. 20 and less, so long as there are famine-relief works, communicated to the Superintending Engineer, III Circle.	26th do. do. No. 192 W.	12th Jan. 1900, No. 106 C. & file.
Stores.—Letter to the Director-General of Stores, India office, stating that the shafts for the Upper and Lower Coleroon anicuts should be of black steel and not turned.	26th do. do. No. 193 W.	23rd Jan. 1900, No. $\frac{147}{A}$ W.
Objectionable Items.—Orders on the statement of — in the accounts of Executive Engineers remaining unremedied to end of September 1899, III Circle.	29th Jan. 1900, No. 195 W.	18th Dec. 1899, No. 3301 W.
Objectionable Items.—Orders on the statement of — in the accounts of Executive Engineers remaining unremedied to end of September 1899, VI Circle.	29th do. do. No. 196 W.	18th Dec. 1899, No. 3299 W.
Funds.—Proceedings, Local and Municipal Department, requesting the Accountant-General to place a sum of Rs. 1,085 at the disposal of the Public Works Department, for the construction of a road dam on the Ellore-Bhimadole road, Gódávari district, communicated to the officers concerned.	29th do. do. No. 198 W.	22nd Nov. 1899, No. 3056 W.
Funds.—Withdrawing a sum of Rs. 4,800 from the allotment of Rs. 10,000 for improvements to bar and river at Masulipatam.	29th do. do. No. 199 W.	2nd Dec. 1899, No. 3133 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Advance.—Sanctioning the — of Rs. 100 received by the Chief Engineer for Irrigation, from the Executive Engineer, Nellore division, on the 21st December 1899.	29th Jan. 1900, No. 200 W.	18th Jan. 1900, No. 87 W. & file.
St. Thomas' Cemetery, Ootacamund.—Proceedings, Ecclesiastical Department, communicating sanction of the Government of India to the grant of a conveyance allowance of Rs. 15 a month to the Curator of the Government Botanical Gardens, Ootacamund, for supervising the improvements to —, communicated to the officers concerned.	29th do. do. No. 201 W.	23rd Dec. 1899, No. 3389 W. & file.
Land.—Notification for the acquisition of — required for the construction of a shed for stamping establishment, along with a ryot's shed, at Máyavaram, ordered to be published in the *Fort St. George Gazette.*	29th do. do. No. 202 W.	8th May 1899, No. $\frac{1233}{A}$ W.
Funds.—Sanctioning certain modifications of grants under Imperial and Provincial Civil Works, V Circle.	29th do. do. No. 203 W.	13th Nov. 1899, No. 2983 W. 1st Nov. 1899, No. 2908 W.
Stores.—Telegram to the Secretary of State, requesting to be informed when the —, for Government House, Ootacamund, indented for in Public Works, Indent No. 10, may be expected.	29th do. do. No. $\frac{203}{A}$ W.	17th Jan. 1900, No. $\frac{52}{A}$ W. & file.
Madras Port Department.—Proceedings, Marine Department, reviewing the administration report of the — for 1898-99, recorded.	30th do. do. No. 204 W.	17th Dec. 1898, No. 3241 W.
Funds.—Proceedings, Local and Municipal Department, requesting the Accountant-General to place a sum of Rs. 255 at the disposal of the Public Works Department, for widening the road way over the sluice to be constructed at the head of the Dontukurru branch channel, Gódávari district, communicated to the officers concerned.	30th do. do. No. 205 W.	......
Stores.—Ordered that the Director-General of Stores, India Office, be requested to supply certain — along with the apparatus for the Lighthouses at Seven Pagodas and Pulicat.	30th do. do. No. 206 W.	31st Oct. 1899, Nos. 2887–88 W. & file.
Letter to the Director-General of Stores ...	30th do. do. No. 207 W.	......
Civil Budget Estimates.—Proceedings, Financial Department, directing that the — of the Madras Presidency, for 1900–1901, be forwarded to the Government of India, communicated to the officers concerned.	30th do. do. No. 208 W.	18th Jan. 1900, No. 230 C. 10th Jan. 1900, No. 82 C. 9th Jan. 1899, No. 200 C. & file.
Stores.—Letter to the Director-General of Stores, India Office, stating that the arrangement made by him to supply one Tell-tale Clock, with a box of dials, and type boxes for six stations, will suit very well.	30th do. do. No. 209 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Objectionable Items.—Orders on the statement of — in the accounts of Executive Engineers remaining unremedied to end of September 1899, II Circle.	30th Jan. 1900, No. 210 W.	14th Dec. 1899, No. 3257 W.
Slates for Accountants.—Proceedings, Financial Department, communicating letter from the Superintendent of Stationery, requesting heads of departments to take steps to ensure that Accountants are supplied with slates, and make use of them, communicated to officers of the department.	31st do. do. No. 218 W.	21st Nov. 1899, No. 3048 W. & file.
Rules regulating the personal conduct of Government Servants.—Proceedings, Public Department, substituting a certain rule for Rule 17 of the —, communicated to officers of the Public Works Department.	31st do. do. No. 219 W.	11th Oct. 1899, No. 2696 W. & file.
Accounts—Establishment, Public Works Department, Madras.—Approving the statement, submitted by the Examiner, Public Works Accounts, showing the proposed changes in the personnel of the —.	31st do. do. No. 220 W.	10th Jan. 1900, No. 7 W. & file.
Mr. H. Rainier, Examiner, Public Works Accounts.—Telegram to the Government of India stating that — is willing to postpone his furlough till 12th March 1900, and requesting to be informed whether he may rely upon getting it then.	31st do. do. No. $\frac{220}{A}$ W.	29th Dec. 1899, Nos. 3417–18 W.
Bill.—Proceedings, Financial Department, transferring to Messrs. Baker & Co., for adjustment, the —, from Messrs. Munn & Co., for the copy of the Scientific American, supplied to the General Superintendent, Public Works Workshops, Madras, communicated to the Superintending Engineer, V Circle.	31st do. do. No. 221 W.	27th Dec 1899, No. 5435 C. & file.
Carpet.—The purchase of a — required for the use of the Swiss Cottage Tent of the Superintending Engineer, III Circle, sanctioned.	31st do. do. No. 222 W.	13th Dec. 1899, No. 5123 C. & file.
Lunatic Asylum Buildings at Calicut.—The estimate, amounting to Rs. 4,900, for repairs to the — returned to the Superintending Engineer, IV Circle, for disposal.	31st do. do. No. 223 W.	5th July 1899, No. 1712 W.
Expenditure.—Authorizing the Examiner to admit the outlay of Rs. 3,516 incurred, in excess of appropriation, during 1898–99, on the Anamalai roads.	31st do. do. No. 224 W.	......
Establishment.—Office-note from the Examiner, forwarding copy of the Accountant-General's (Public Works Department) letter approving the entertainment of two temporary Accountants for famine in the Cuddapah and Kurnool districts, should the necessity arise, recorded.	31st do. do. No. 225 W.	......
Stores.—Ordered that the Director-General of Stores, India Office, be informed that sets of riveters' tools indented for in Public Works Indent No. 6, dated 7th August 1899, may be supplied according to List A.	31st do. do. No. 227 W.	23rd Jan. 1900, No. 343 C. & file.
Letter to the Director-General of Stores ...	31st do. do. No. 228 W.	......